A. L. BURKE ENGINEERS, INC.

January 14, 1988

Burbank-Glendale-Pasadena Airport Authority
2627 Hollywood Way
Burbank, CA 91505

Attn: Mr. Jan Garpner

Subject: Environmental Evaluation of "Old Trapper's Property"
Project Report

Gentlemen:

Enclosed is the report describing the recently completed investigation of the "Old Trapper's Property", also known as the "northeast parcel. As indicated to you previously by telephone, the results of the investigation, including sample analysis and geophysical survey, showed find no indication of subsurface contamination. There are, however, several subsurface structures, which have been indicated on the drawings, and which may interfere with future construction activities on the site. It is recommended that, should such construction be planned, removal and demolition of these structures be done at the time of demolition of above-ground structures. It is further recommended that the contractor performing such work have experience with the removal of septic systems or retain a subcontractor with this experience.

If you need additional information or if you have any questions, please feel free to contact me at any time.

Sincerely,

Annie Laurie Burke

Annie Laurie Burke, P. E.
President

Enclosure

OFFICE COPY

1162 NORTH KRAEMER PLACE • ANAHEIM CALIFORNIA 92806 • (714)666-1120 • (714)666-1121

SITE SURVEY OF "OLD TRAPPER'S PROPERTY" (NORTHEAST PARCEL)

FINAL REPORT

Presented to: Burbank-Glendale-Pasadena Airport Authority
2627 Hollywood Way
Burbank, CA 91505

Presented by: A. L. Burke Engineers, Inc.
1162 North Kraemer Place
Anaheim, CA 92806

JANUARY 1988

TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 Tenant Leasehold 1

1.2 Physical Description of Site 1

1.3 Previous Related Work 2

2.0 OBJECTIVES OF INVESTIGATION 3

3.0 METHODOLOGY 4

3.1 Interviews 4

3.2 Geophysical Survey 4

3.3 Drilling & Sampling Procedures 5

3.3.1 Decontamination of drilling and sampling equipment 5

3.3.2 Soil sample preparation 6

3.3.3 Gas sampling 6

3.4 Laboratory Analysis 6

4.0 FINDINGS 7

4.1 Results of Initial Investigation 7

4.2 Field Investigations 7

4.3 Geophysical Results 8

4.4 Site Geology, Stratigraphy and Hydrogeology 8

4.5 Laboratory Analysis 9

5.0 SITE ASSESSMENT 14

5.1 Preliminary Investigation 14

5.2 Evaluation of Lab Results 14

5.3 Health and Environmental Impacts 15

5.4 Regulatory Considerations 15

6.0 RECOMMENDATIONS 16

List of Tables

Table 1 Summary of Borings 10
Table 2 Results, EPA Test Method 8015 11
Table 3 Results, EPA Test Method 9040 12
Table 4 Results, EPA Test Method 9030 and Methane Gas 13

List of Figures

Figure 1 Location Map following page 1
Figure 2 Index Map following page 1
Figure 3 Geophysical Subdivisions following page 5
Figure 4A Sampling Locations following page 7
Figure 4B Sampling Locations following page 7
Figure 5 Survey Line Number Map following page 8
Figure 6 Fault Map following page 8

Appendices

Appendix A Sample Plan
Appendix B Site Survey Information Form
Appendix C Geophysical Data
Appendix D Chain of Custody Forms

1.0 INTRODUCTION

This report presents the results of environmental investigations made on a site known as the "Old Trapper's Property", or "northeast parcel", located near the Burbank-Glendale-Pasadena Airport (hereafter referred to as the Burbank Airport). The site is currently being considered for purchase by the Burbank Airport Authority, and they have requested A. L. Burke Engineers, Inc., to perform a preconveyance audit on it to ensure that the price paid for the property accounts for any additional costs that might be incurred due to site contamination.

1.1 Tenant Leasehold

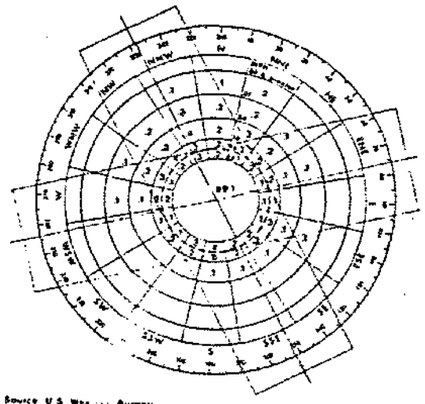
Most of the site under investigation is currently owned by a Ms. Rosemarie Farish of 10340 Keswick Street, Sun Valley, CA, 91352. Her property is the location of the "Old Trapper's Lodge," an old motel complex now leased individually to tenants as low-income housing. The motel is also a California Historical Landmark (No. 939) due to a large number of folk art statues and carvings presently located on the grounds. Plans are currently underway by the owner to store items from the motel into museums located in other parts of the state.

In addition, a small grocery store exists on the northeast portion of the site and is owned by Ms. Farish's brother-in-law, George Stolpe. The airport is considering buying both properties for its private use sometime after the tenants are moved out and the items of historical significance can be relocated.

1.2 Physical Description of Site

The property is located at 10340 Keswick Street, Sun Valley, CA, along the northeastern portion of Burbank Airport (Fig 1). The property is bounded to the east by Arvilla Avenue which extends northward to San Fernando Road. San Fernando Road forms the border of the property to the north and northeast (Fig. 2). The rest of the site is bounded by the Burbank Airport to the west and northwest, and by the old Hazel Martin Property to the south. Easy access to the site by vehicle is made possible by San Fernando Road, Keswick Street and Arvilla Avenue; both Keswick and Arvilla Avenue are dead end streets. The site is enclosed by a metal chain-link fence to the south and to the west, with numerous other fences dissecting the property at various locations.

The Historic Landmark museum (Boot Hill) and about half of the total apartment houses are located in the "newer" area south of Keswick Street. The triangular-shaped part of the property between Keswick Street and San Fernando Road consists of the older apartment buildings along with an old gas station (to the east) and the small grocery store in the northwest corner.

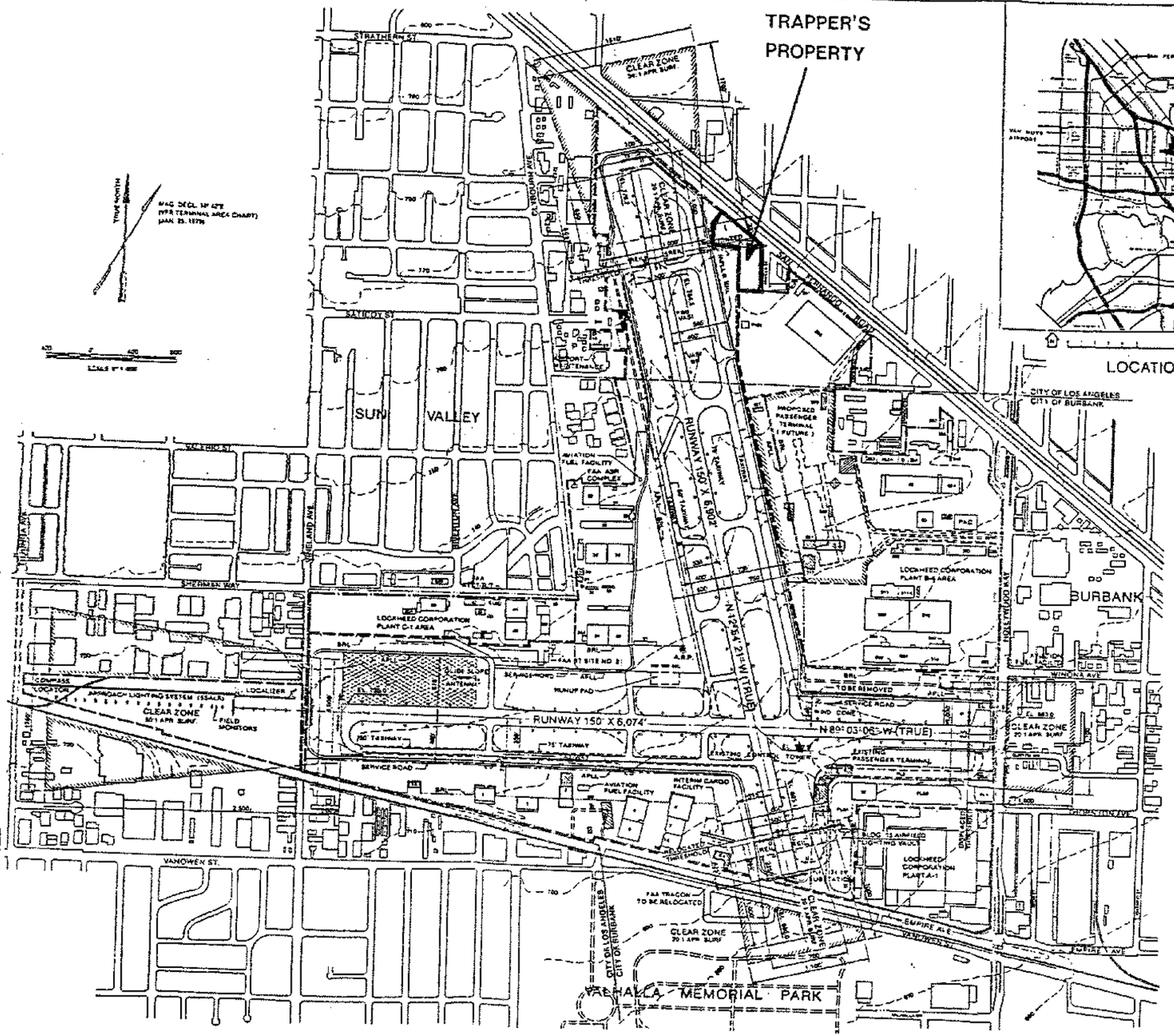


Source U.S. Weather Bureau
Burbank Airport Station

WIND DATA BASED ON:
May 1, 1950 - April 30, 1955

15 MPH Crosswind Coverage = 99.9%
(For runways)

WIND ROSE



LEGEND

	AIRPORT PROPERTY LINE
	LOCKHEED CORP. PROPERTY LINE
	CITY BOUNDARY LINE
	BUILDING RESTRICTION LINE (BRL)
	AIRCRAFT PARKING LIMIT LINE (APLL)
	EXISTING FACILITIES
	FUTURE FACILITIES
	EXISTING BUILDINGS TO REMAIN
	EXISTING BUILDINGS TO BE REMOVED
	PROPOSED BUILDINGS
	PROPERTY INTEREST TO BE ACQUIRED
	CRITICAL AREA OF THE E.S.
	PERIMETER FENCE
	EXISTING RUNWAY LIGHTING
	EXISTING THRESHOLD LIGHTING
	AIRPORT REFERENCE POINT (ARP)
	GROUND CONTOUR ELEVATIONS
	BLAST FENCE

AIRPORT DATA

AIRPORT ELEVATION (MSL)	734.7'
AIRPORT REFERENCE POINT (ARP) COORDINATES	LAT 34°12'06.7" LONG 118°21'27.2"
AIRPORT AND TERMINAL NAV AIDS	ASR
MEAN MAX TEMP HOTTEST MONTH	93.3 DEGREES F (JULY 1977)
CRITICAL AIRCRAFT	B-727-200

RUNWAY DATA

	RUNWAY 7		RUNWAY 25		RUNWAY 15		RUNWAY 33	
	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE	EXISTING	ULTIMATE
EFFECTIVE GRADIENT (in %)	0.51	SAME	0.51	SAME	1.2	SAME	1.2	SAME
PERCENT WIND COVERAGE (15 MPH)	96.2	SAME	96.2	SAME	97.6	SAME	97.6	SAME
INSTRUMENT RUNWAY	✓	✓			✓			
PAVEMENT STRENGTH	165,000 LBS (DUAL GEAR)				165,000 LBS (DUAL BEAM)			
RUNWAY LIGHTING	HIRL	SAME	HIRL	SAME	HIRL	HIRL	HIRL	HIRL
RUNWAY MARKING	PRECISION	SAME	NONPRECISION	SAME	BASIC	PRECISION	BASIC	NONPRECISION
NAVIGATIONAL AIDS	SSALR ILS	SAME	NONE	SAME	REIL, VASI	SSALR ILS	REIL	SAME
RUNWAY TAKEOFF LENGTH	6074'	SAME	6074'	SAME	6902'	SAME	6902'	SAME
RUNWAY LANDING LENGTH	6074'	SAME	5810'	SAME	5993'	6052'	6338'	6377'
DISPLACED THRESHOLD	NONE	SAME	264'	SAME	909'	850'	364'	425'
APPROACH SURFACE	50:1	SAME	20:1	SAME	20:1	34:1	20:1	SAME
RUNWAY THRESHOLD ELEV (MSL)	725.0	SAME	694.9	SAME	764.5	766.9	695.1	696.3

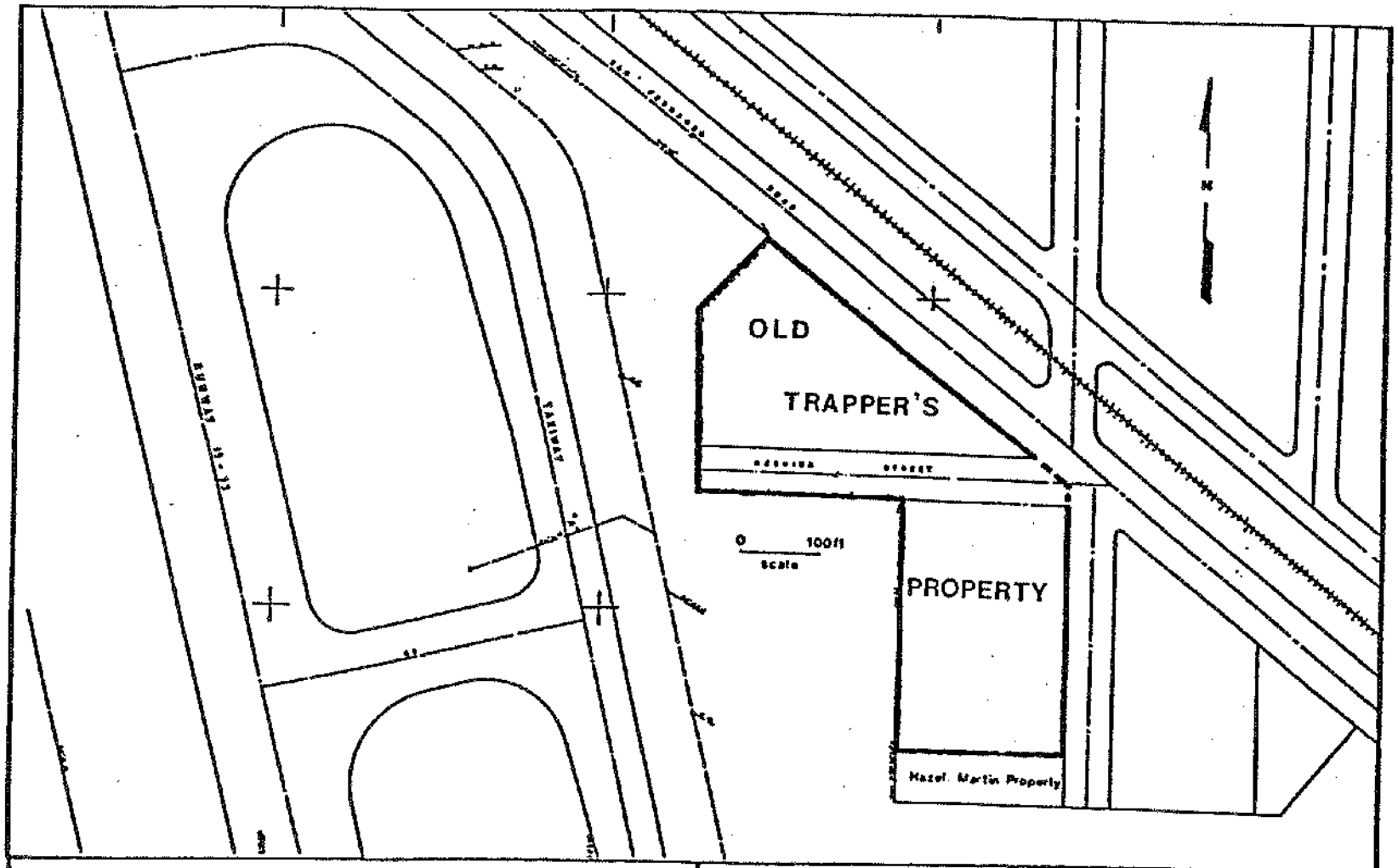
FIG. 1

BURBANK - GLENDALE - PASADENA AIRPORT
BURBANK, CALIFORNIA

AIRPORT LAYOUT PLAN

DRAWN BY | JOB NO
CHECKED BY | SHEET NO
APPROVED BY | DATE

BGPAA 0712



INDEX MAP OF OLD TRAPPER'S PROPERTY

DATE: 12/87	PROJ. NO.:86-06	FIGURE: 2

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Approximately 38 permanent structures, as well as 3 or 4 mobile units (trailers), exist on the property (Figure 1). About 5 abandoned cars are also present. The bulk of the property is relatively free of obstructions with the exception of numerous tenant-owned items (bicycles, cars, grills, toys, swing sets, etc.).

1.3 Previous Related Work

No prior environmental investigations exist for this site. However, in October and November, 1987, A. L. Burke Engineers, Inc. conducted a similar survey for Burbank Airport Authority on a piece of property located directly south of the Old Trapper's Property (previously known as the "Hazel Martin Property"). Results from this investigation showed no significant contamination present.

2. OBJECTIVES OF INVESTIGATION

The objectives for this environmental investigation include the following:

1) Determine the location of possible underground tanks or other structures using current geophysical methods.

2) Identify the contents of any underground tanks and determine the environmental impacts that may exist as a result thereof.

3) Obtain a representative number of air, soil, and other material samples at locations and depths determined by A. L. Burke Engineers, Inc.

4) Analyze the collected samples utilizing procedures determined by A. L. Burke Engineers, Inc.

5) Identify any and all hazardous materials present.

6) Conduct interviews with key personnel.

7) Review appropriate records on the prior and/or current uses of property.

8) Investigate surface conditions for evidence of past contamination.

9) Obtain and review information about the site's geology, soils and ground water.

10) Assess all the data obtained and evaluate alternatives for remediation and recommend a remedial plan if contamination exists.

3.0 METHODOLOGY

The preliminary field investigations consisted of interviews with tenants, owners, workers and airport personnel; a geophysical survey to locate underground tanks; and sifting through old records and available information to assist in the investigation. The information obtained in this initial phase was used to develop a sample plan (see Appendix A) that was delivered to Burbank Airport Authority for their review on December 10, 1987. Sampling was conducted from December 28-30, 1987, and laboratory analysis was conducted from December 28, 1987 to January 11, 1988.

3.1 Interviews

A. L. Burke Engineers staff interviewed Rosemarie Farish (owner), her assistant (Jose), George Stolpe (brother-in-law), and Jan Garpner (Airport Engineer) for information to help determine the presence of any underground tanks and to gather information on the types of contamination that may be present. Appendix B shows the basic format of the questions used in the interviews.

3.2 Geophysical Survey

A. L. Burke Engineers, Inc., performed a geophysical survey of the entire site using an EG & G Geometrics G-856 Memory-Mag Proton precession Magnetometer.

The G-856 magnetometer is a portable, man-carried unit with a built-in digital memory. It is a proton precession magnetometer, i. e., it utilizes the precession of spinning protons in a sample of hydrocarbon fluid to measure the total magnetic intensity. The spinning protons behave as small, spinning magnetic dipoles that are temporarily aligned or polarized by application of a uniform magnetic field generated by a current in a coil of wire. When the current is removed, the spin of the protons causes them to precess about the direction of the ambient or earth's magnetic field, much as a spinning top precesses about the gravity field. The precessing protons then generate a small signal in the same coil used to polarize them, a signal whose frequency is precisely proportioned to the total magnetic field intensity and independent of the orientation of the coil (i.e., sensor of the magnetometer). The precession frequency is measured by a digital counter as the absolute value of the total magnetic field intensity with an accuracy of 0.1 gamma. For reference, the normal magnetic field intensity in southern California is approximately 50,000 gammas.

It should be noted that the proton precession signal from the G-856 is degraded sharply in the presence of a large magnetic field gradient greater than 20.0 gammas per foot. Also, the signal amplitude from the sensor is on the order of microvolts and must be measured to an accuracy of 0.04 Hertz of the precession frequency of several thousand Hertz. This small signal can be rendered immeasurable by the effects of nearby alternating current electrical power sources. For these two reasons, a proton magnetometer cannot be operated within the confines of a typical building.

Before starting the survey, all metal objects, cars, and other equipment were removed wherever possible. A 5-foot grid pattern was marked out on the lot and sample readings were taken to "tune" the magnetometer. The magnetometer itself was carried in a chest harness for mobility and the sensor was mounted on a 6-foot collapsible aluminum staff. A signal cable was attached from the sensor to the magnetometer.

The principal transverse was in a north-south or east-west direction with readings taken every 5 feet as marked on the grid. The property was divided into 17 sections (See Fig 3), with 43 individual surveys being conducted over the whole area. A total of 3329 measurements were recorded for the entire survey.

3.3 Drilling and Sampling Procedures

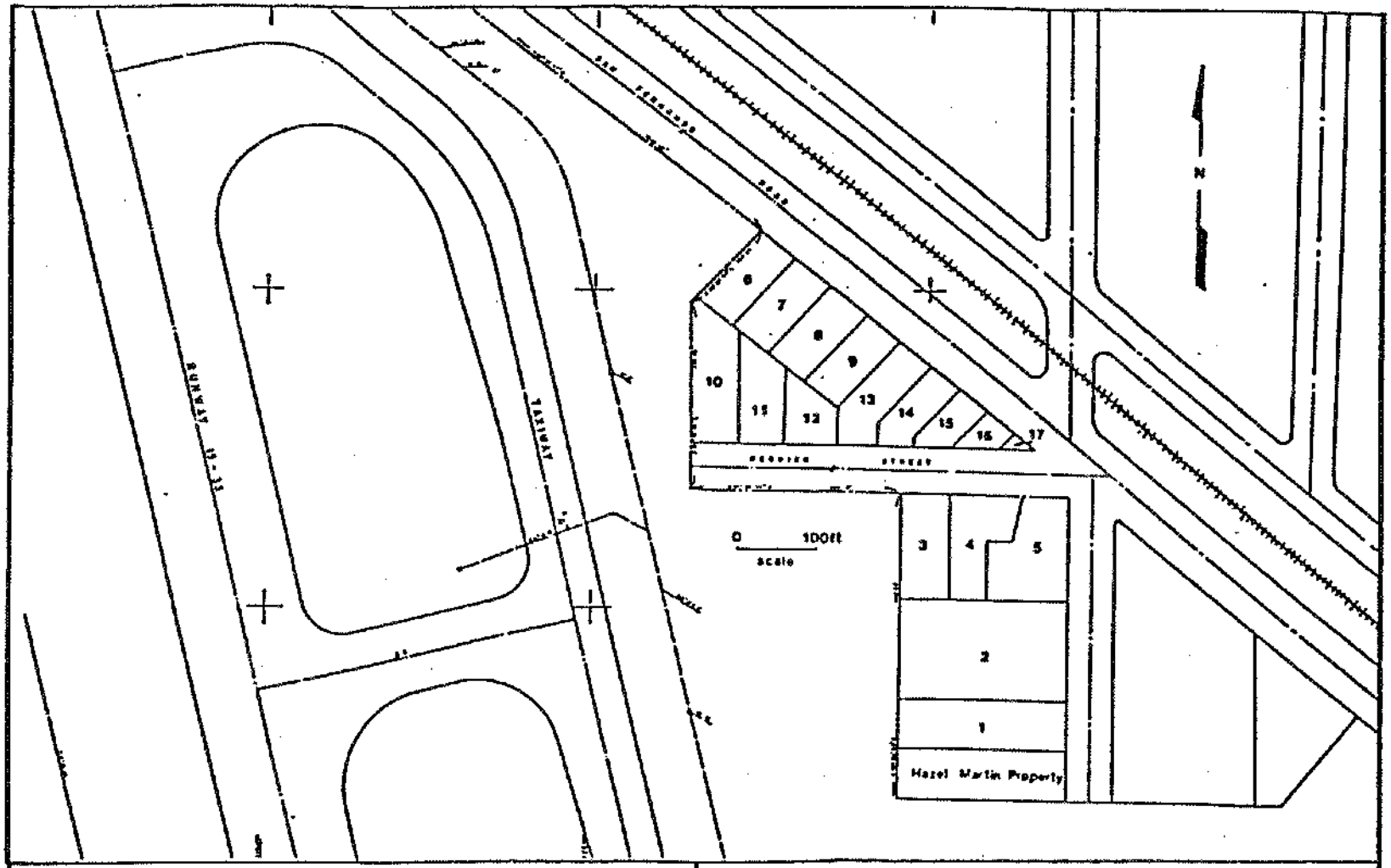
A MOBIL B-61 rotary, hollow-stem flight auger drill rig was used to drill all boreholes for this project. The borings were 7 inches in diameter and 35 feet deep (unless subsurface conditions dictated otherwise). Individual flight augers were 7 inches in diameter and 5 feet in length, with sections being added as the hole was deepened to the desired depth. A cutting bit was attached to the lead auger, and 5 foot lengths of steel rod were placed inside the hollow flight auger to help advance the hole and prevent the formation of a soil plug inside the lead auger. No drilling mud was used to aid in the drilling process.

The hollow flight augers allowed the insertion of a 3.5 inch diameter split tube type soil sampler which passed through the lead auger and into the undisturbed soil beneath the cutting bit. The soil sampler was attached to a waste barrel containing a ball check valve and was filled with a basket retainer to prevent loss of the sample. Four 6 inch (+/- 1/4 inch) long brass sample tubes measuring 2.5 inches in diameter, were placed inside the sampler. A 140 pound outside hammer was used to drive the sampler into the ground.

The steel rods and sampler were subsequently removed at 5 foot intervals. The split tube sampler was disassembled to obtain the required soil samples for laboratory testing. The sample nearest to the driving shoe was used by the site geologist to log the hole, whereas the second sample from the driving shoe was the actual soil sample used for laboratory testing. The 3rd sample from the driving shoe was used to obtain OVA measurements using the site TLV monitor.

3.3.1 Decontamination of Drilling and Sampling Equipment

A Hotsy steam cleaner was stationed near the drill sites in the designated neutral zone for the duration of the job. All hollow flight augers, steel rods, brass sampling rings, and other drilling equipment were steam-cleaned prior to drilling each new borehole. The soil sampler and some brass rings were scrubbed by hand with a detergent in distilled water and then rinsed twice in containers of distilled water prior to each reassembly. The containers of water and detergent were located near the drilling rig in the designated restricted zone.



17 SUBDIVISIONS OF OLD TRAPPER'S PROPERTY

DATE: 12/87	PROJ. NO.: 86-06	FIGURE: 3

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3.3.2 Soil Sample Preparation

After selecting a soil sample for laboratory analysis, the ends of each brass sampling ring were trimmed and covered with aluminum foil. A tight-fitting plastic cap was placed over the aluminum foil and secured firmly with electrical tape. The sample was then placed in a Zip-Loc plastic storage bag and labeled on both the tight-fitting plastic caps and on the Zip-Loc storage bag with an identification number corresponding to the borehole number and site location. The sample was stored in a cooler containing frozen Blue Ice, and was delivered to Chemical Research Laboratories, Inc. at the end of each working day. Chain-of-Custody forms were filled out for each shipment.

3.3.3 Gas Sampling

Five gas samples were also obtained in the field. The samples wee obtained near swelled ground by digging a shallow (1 ft.) 4-5" diameter hole an covering it with plastic. A SKC, Inc., airchuck sampler with plastic tubing was connected into the hole and used to fill an air sample bag to capacity. The airbags were sealed shut, labeled and stored in a cooler with Blue Ice. The samples were delivered to Chemical Research Laboratories at the end of each day with chain-of-custody forms filled out for each shipment, (see Appendix B).

3.4 Laboratory Analysis

Collected soil samples were sent to Chemical Research Laboratory, a state-certified lab, for the following analysis:

1) EPA Method 8015 (Modified for hydrocarbons) - Non-Halogenated volatile organics.

2) EPA Method 9040 - pH

3) EPA Method - Sulfide Gas Analysis

4) EPA Method - Methane Gas Analysis

All of the analysis were performed in accordance with EPA Method SW-846. Quality assurance protocols are in compliance with California Department of Health Services guidelines.

4.0 FINDINGS

4.1 Results of Initial Investigation

As stated in the Tenant Leasehold Section, the property is essentially an apartment complex rented out to individual tenants. No hazardous waste is used or stored on the property by either the owners or the tenants. Two areas are used by the tenants as a junk yard or work area for repairing automobiles. One of the areas is located at the southernmost end of the property while the other is situated at the northeast portion of the site. Both are marked on Figure 1 as "auto yard". A gas station was once located on the property near the auto yard in the northeast corner. Three underground storage tanks were known to exist at this location and remnants of the old pump island still stand today. According to the present occupants, these three tanks are believed to have been excavated over 25 years ago and backfilled with sand and gravel, although this information is questionable. No regulatory requirements existed at that time for removal, existed, and, due to the expense, the common practice at that time was to abandon tanks in place, with or without filling them with sand. The rest of the site is residential, and the only environmental concern is the presence of underground cesspools and septic tanks. Information from the owner indicates the presence of 6 septic tanks, 35 cesspools, and approximately 10-20 leach lines. Results from the magnetic survey and information obtained from old records indicate the existence of 11 septic tanks (and possibly as many as 13 tanks), as well as 49 to 51 old and operational cesspools. These additional septic tanks and cesspools probably indicate that there are additional leach lines as well.

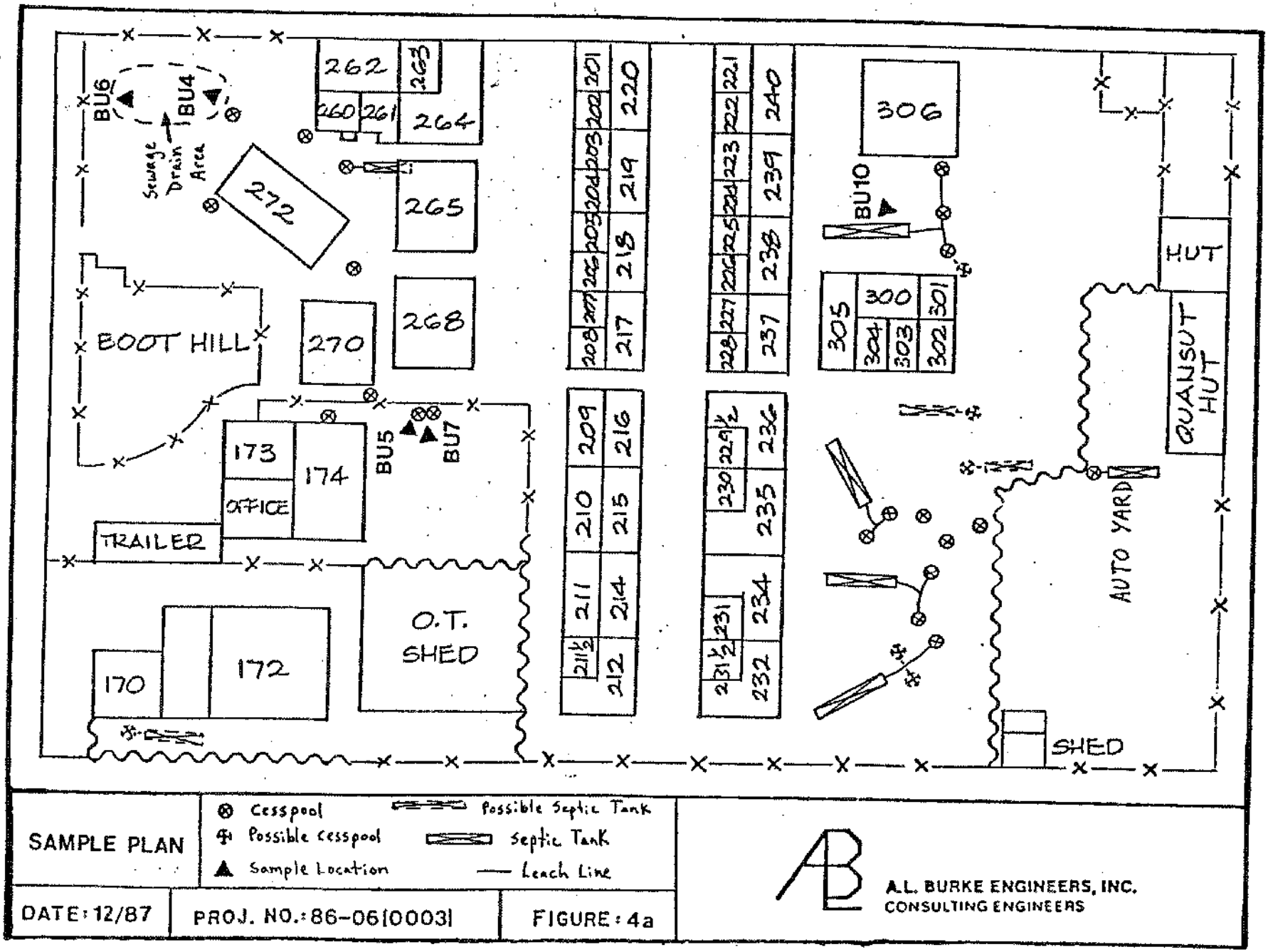
Most of the tanks and cesspools are 15 to 25 feet deep. The cesspools are usually 5 to 8 feet in diameter while the tanks are between 11 and 21 feet long and 3 feet wide, holding approximately 1700 gallons of sewage. "Caustic Soda Flakes" (sodium hydroxide), produced by Diamond Shamrock Co., were used in all cesspools up to 8 months previous to this study. The caustic soda was never used in the septic tanks.

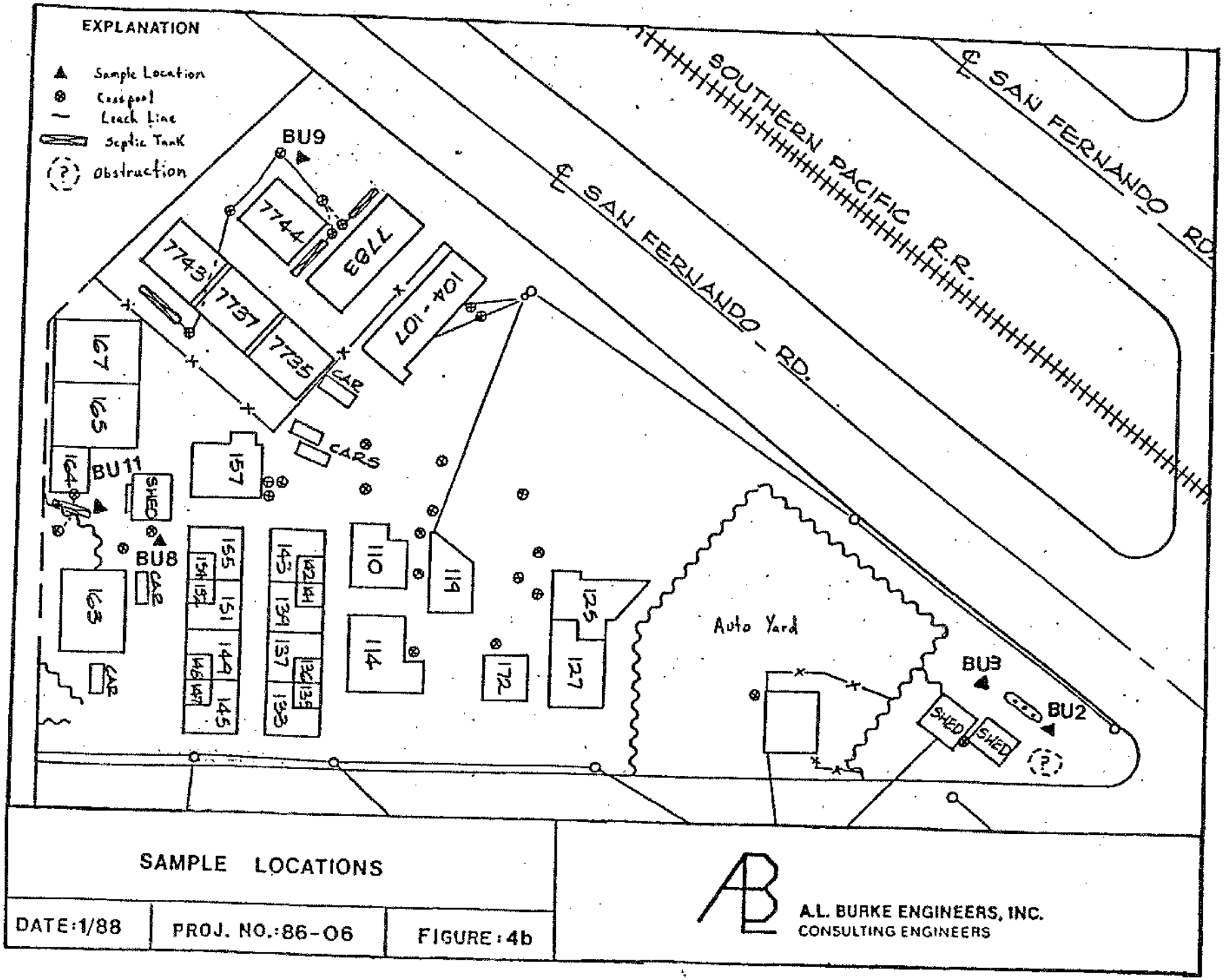
Many of the tanks and cesspools are marked by a swelling of the ground above them. In some cases, the ground has swelled to such an extent that the concrete and asphalt around it is cracked and warped (See Photo 3).

4.2 Field Investigation

A total of six (6) borings were drilled on the site. The location of the borings (and 5 gas samples) are presented in Figure 4A & 4B. All borings were pre-determined by A. L. Burke Engineers and presented in a sample plan submitted to the Airport Authority on December 10,1987.

The borings were drilled 15 to 45 feet, depending on the depth of the suspected contamination as determined in the initial investigation phase and sample plan. Most borings were sampled at the 5 and 10 foot lever, then every 5 feet thereafter. Two borings were sampled at the 2 foot level followed by a sample at 5 feet, then at 5 feet afterwards (see Table 1). The borings sampled at the 2 foot level were believed to be contaminated


BU6
BU4
Sewage Drain Area
262
263
260
261
264
272
265
268
270
BOOT HILL
BU5
BU7
173
174
OFFICE
TRAILER
170
172
O.T. SHED
201
220
202
203
219
204
205
218
206
207
217
208
209
216
210
215
211
214
211½
212
221
240
222
223
239
224
225
238
226
227
237
228
230
229½
236
235
231
231½
234
232
BU10
306
305
300
304
303
302
301
HUT
QUANSUT HUT
AUTO YARD
SHED
Cesspool
Possible Septic Tank
Possible cesspool
Septic Tank
Sample Location
Leach Line
SAMPLE PLAN
A.L. BURKE ENGINEERS, INC.
CONSULTING ENGINEERS
DATE: 12/87
PROJ. NO.: 86-06(0003)
FIGURE: 4a



SAMPLE LOCATIONS

DATE: 1/88	PROJ. NO.: 86-06	FIGURE: 4b

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BGPAA 0722

closer to the surface than those which were sampled at the 10 foot level and below.

4.3 Geophysical Results

As noted previously, the total area of the property was divided into 17 sections with 43 individual surveys conducted (Figure 5). The results from the surveys were used to construct 17 separate contour maps. Most of the magnetic anomalies on these maps are due to the presence of buildings, fences, power lines, trees, cars, grills, and other metallic obstructions present on the surface during the survey. Within the limits of the survey and with the information provided with personnel interviews two maps were constructed to show the presence of underground features (See Figures 4A and 4B).

4.4 Site Geology, Stratigraphy, and Hydrogeology

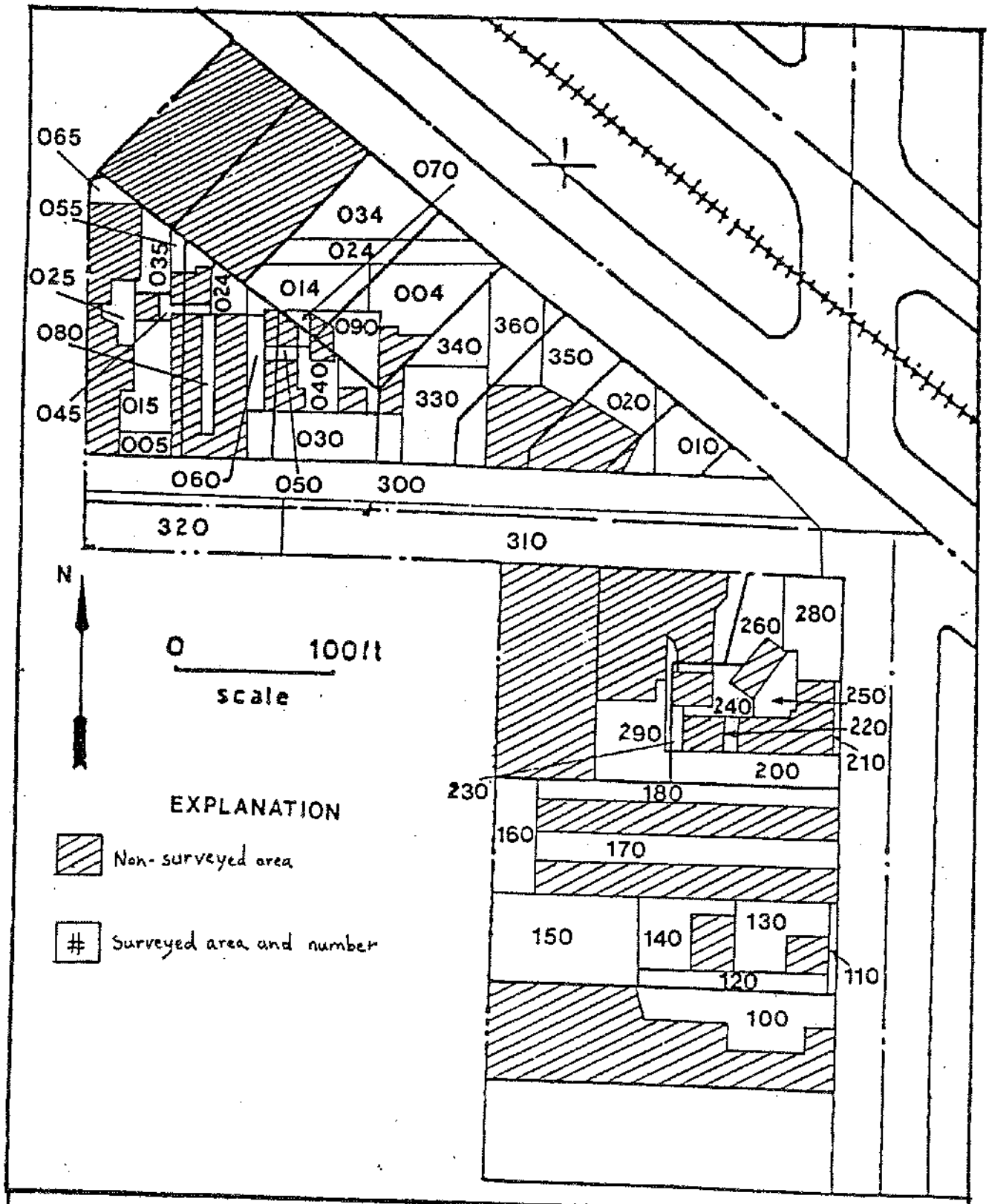
Surficial deposits around the Airport are alluvial (QAL) of recent Quaternary age. Soils are 60 percent Tujunga-Soboba and 10 percent sand and cobbly material. Soils of the Tujunga-Soboba association are over 60 inches deep and somewhat excessively drained, and have rapid to very rapid subsoil permeability. Beneath the Tujunga-Soboba alluvial deposits is a complex section of Cenozoic and Upper mesozoic sedimentary rocks.

All of the deposits encountered in drilling consisted of a tan, damp unconsolidated, coarse sand with varying amounts of gravel present. The sand grains consisted primarily of quartz, Alkali feldspar, plagioclase and biotite, while the pebbles were simply rounded clasts of a biotite-granite. These alluvial deposits were consistent over the entire area of the site.

No landslides are known to exist in this area. Likewise, no faults are known to exist on this site. The Verdugo Fault, however, is located approximately one mile to the southwest of the Airport. The fault is potentially active and has a Maximum Credible Earthquake rating of 6.8 on the Richter Scale. Other nearby areas include a small complex of minor faults located at the eastern terminus of the Santa Monica Mountains, approximately five miles distant, and a series of minor faults are located in the San Rafael hills, approximately eight miles away. Another major fault includes the San Gabriel Fault zone (nine miles away). It is potentially active and has a Maximum Credible Earthquake rating of 7.5 on the Richter Scale. The Inglewood Fault zone (nine miles away) is active and has a Maximum Credible Earthquake rating of 7.0 on the Richter Scale. The San Andreas Fault zone (28 miles away) is active with a Maximum Credible Earthquake rating of 8.25 on the Richter Scale. Please refer to Figure 6 for the location of the major faults.

The site is located in the San Fernando Hydrologic subarea of the Los Angeles River Basin. The subarea encompasses the San Fernando Valley ground water basins which is about 110,000 acres in area. Replenishment of the basin's ground water body is by deep percolation of rainfall with artificial recharge through spreading basins and subsurface inflow.

Surface waters percolating in this area infiltrate directly into the



GEOPHYSICAL SURVEY NUMBERS

DATE: 1/88	PROJ. NO.: 86-06	FIGURE: 5

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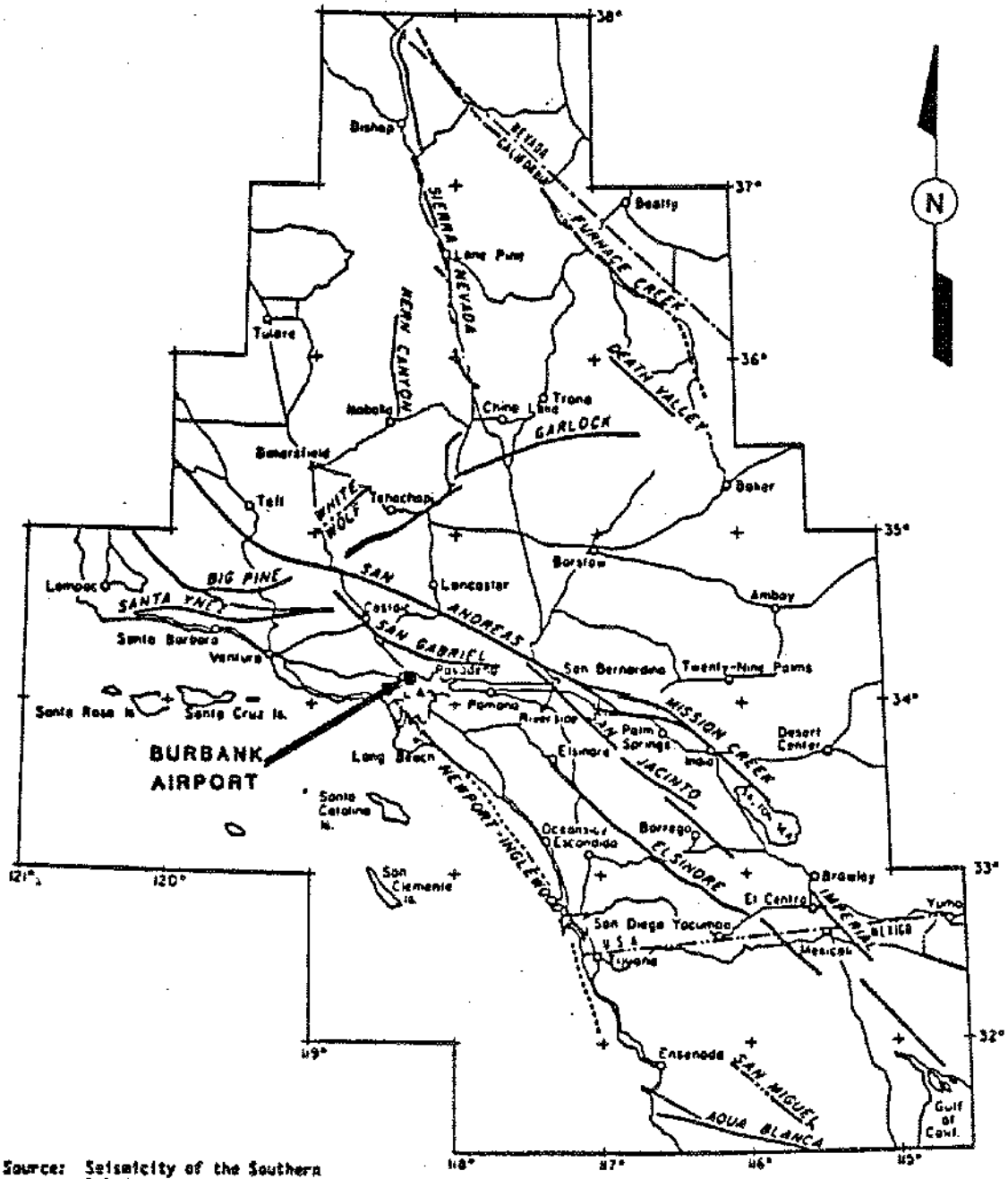

The fault locations in Southern California

DATE: 1/88	PROJ. NO.: 86-06 0003	FIGURE: 6

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underlying ground water. As a result, there is some potential for ground water pollution from surface spills of fuel or other hazardous liquids. In addition, public water supply wells for the Cities of Burbank and Los Angeles are located less than two miles from the Airport area.

4.5 Laboratory Analysis

Table 2 includes the results from the borings near the abandoned gasoline station. EPA test method 8015 (modified for hydrocarbons) was the only test ran on these samples. As shown in the following table, none on the samples showed any signs of contamination from petroleum hydrocarbons.

Table 3 shows the results of the borings occurring near swollen ground over cesspools and septic tanks. EPA test method 9040 was the only test run on these samples. The pH values for these samples range from 5.12 to 7.93.

Table 4 includes the results from the 5 gas (air) samples. Both EPA test method 9030 and Methane gas analysis were run on all samples. As shown, no H2S was detected in any samples and methane gas values ranged from 2.2 to 6.2 ppm.

TABLE 1 SUMMARY OF BORINGS

Boring #	Total Depth	Initial Sample Depth	Sample Interval	Test Parameter
BU3	40 ft	10 ft	5 ft	8015
BU2	45 ft	10 ft	5 ft	8015
BU5	15 ft	2 ft	*5 ft	9040
BU4	15 ft	2 ft	*5 ft	9040
BU8	30 ft	10 ft	5 ft	9040
BU9	40 ft	5 ft	5 ft	9040

*Boring was sampled at 2ft, 5ft, and then at 5ft intervals to the desired depth.

TABLE 2

RESULTS FROM EPA TEST METHOD 8015 (MODIFIED)

Sample #	Detection Limit, ppm	Total Petroleum Hydrocarbons
BU2-10	1.0	ND
BU2-15	1.0	ND
BU2-20	1.0	ND
BU2-20	1.0	ND
BU2-25	1.0	ND
BU2-30	1.0	ND
BU2-35	1.0	ND
BU2-40	1.0	ND
BU3-10	1.0	ND
BU3-15	1.0	ND
BU3-20	1.0	ND
BU3-25	1.0	ND
BU3-30	1.0	ND
BU3-35	1.0	ND
BU3-40	1.0	ND

TABLE 3

RESULTS FROM EPA TEST METHOD 9040

Sample #	pH
BU4-2	6.21
BU4-5	6.12
BU4-10	6.77
BU4-15	6.10
BU4-20	6.22
BU5-2	6.05
BU5-5	6.03
BU5-10	6.92
BU5-15	6.63
BU8-10	5.5
BU8-15	6.02
BU8-20	6.24
BU8-25	5.12
BU8-30	7.55
BU9-5	7.16
BU9-10	7.81
BU9-15	7.93
BU9-20	7.03
BU9-25	6.47
BU9-30	6.44
BU9-35	6.46
BU9-40	6.50

TABLE 4

RESULTS FROM EPA TEST METHOD 9030 AND METHANE GAS ANALYSIS

Sample #	Methane ppm	Hydrogen Sulfide ppm
BU6	5.7	ND
BU7	4.7	ND
BU9-G	6.2	ND
BU10	2.2	ND
BU11	2.2	ND

5.0 SITE ASSESSMENT

5.1 Preliminary Investigation

The preliminary investigations indicated that the area of main concern was the presence of numerous underground cesspools and septic tanks. The use of caustic soda (Sodium Hydroxide, NaOH) in the cesspools was particularly disturbing since it is extremely alkaline and poses a threat to both the surrounding soil and the water table below. The use of caustic soda can also cause the evolution of gas (personnel adding the compound indicated they had to breathe through wet handkerchiefs while performing the operation), and these gases may have contributed to the ground swelling, along with other gases evolved during anaerobic digestion.

Information from past records supported the concern that a reaction was taking place between the sewage and the caustic soda that was dumped in to result in off-gassing. This indicated that the sewage was acidic; perhaps sulfurous acid that was produced from H2S (Hydrogen Sulfide). Hydrogen Sulfide and methane (CH4) are common constituents in the gases produced by anaerobic digestion such as in the cesspools and septic tanks. Other evidence of methane and/or hydrogen sulfide was seen in the swelling of the ground over these underground sewers.

5.2 Evaluation of Laboratory Results

The results of the laboratory analysis indicate that none of the soils present on the site constitute a hazardous waste. The two borings around the abandoned gas station showed no signs of petroleum hydrocarbons to a depth of 45 ft below the surface. The pH values range between 5.12 and 7.93 and are within acceptable limits. Most samples show a slightly acidic pH (less than 7.0) indicating there may by minor leakage.

In addition the air samples obtained over swollen ground showed no sign of H2S gas. The samples tested for methane gas had values ranging from 2.2 ppm to 6.2 ppm and are also within acceptable limits.

In addition, the air samples obtained over swollen ground showed no signs of H2S gas. The samples tested for methane gas had values ranging from 2.2 ppm to 6.2 ppm and are also within the acceptable limits.

It should also be noted that a large obstruction was encountered while drilling at the old abandoned gas station. The underground feature was located about 6 to 7 feet below the surface and appeared to be made of concrete. It is unknown as to what the object was although it is believed to be related to the underground tanks that were present 25-30 years ago. Its location is shown on Figure 4B. The anomalies created in the magnetometer data by the metal objects and power line in the area do not confirm the presence of tanks. It cannot be determined if they were previously removed. If they are still in place, it is almost certain they are filled with grout or sand and would be a potential obstruction to future construction in the area.

5.3 Health and Environmental Impacts

Based on the analytical results, and assuming that the borings gave a representative group of samples, this site does not present any health of environmental hazard to the residents of the surrounding area, nor to personnel that may be working there in the future.

It was originally believed that swollen ground occurring over some sewage areas was due to the presence of H_2S gas or methane that was produced directly from the cesspools/septic tanks. The analytical results show, if this occurred, the gas has dissipated to insignificant levels. The swollen ground may also be a product of the cesspool/septic tank construction.

Another major concern was the use of caustic soda that could have severely altered the pH of the area. The laboratory results indicate that no extremes of pH exist. The slight acidity in most samples may be due to the neutralizing effect of the caustic soda or may indicate only minimal leakage has occurred in the past. Finally, the samples taken from the area of the old abandoned gas station showed no signs of hydrocarbon contamination. The only foreseeable problem in the area is the presence of the underground concrete structure occurring below 7 feet, or the possibility that the tanks have been abandoned in place, as noted previously.

5.4 Regulatory Considerations

There are currently no regulations in final form that define the requirements for investigation or the removal of cesspools and septic tanks. Since no contamination exists, it is the recommendations of A. L. Burke Engineers, Inc., that the structures be demolished during site preparation activities.

6.0 Recommendations

The results of the investigation have been evaluated and the findings are that there exists no potential environmental impact from the current or previous operations on the site. There is therefore no need for remedial action at this site. It is recommended, however, that if any excavation is done at the site for future facilities, the septic tanks, cesspools and associated lines be removed. In addition, if any excavation is to be done in the area of the old filling station, any tanks that may be located there will have to be removed, and the obstruction encountered may also require removal, if excavation goes below six feet.

It is further recommenced that the contractor doing the demolition and excavation have experience in, or retain the services of a contractor with experience in, the cleaning and removal of septic systems. Personnel may need to wear respiratory protective equipment for certain phases of the work and the contractor should be made responsible for ensuring personnel safety, and for compliance with all applicable regulations.

APPENDIX A

SAMPLE PLAN

7.0 SAMPLE PLAN

For soils near abandoned gasoline station;

1) Drill four boreholes around approximate location of gasoline tanks.

2) Sample all four boreholes at 10, 15, 20, 30, and 40 feet.

3) Analyze all samples for total petroleum hydrocarbons EPA method 418.1 or modified EPA 8015.

For soils near extremely swollen ground over sewer locations:

1) Drill 1-2 boreholes near or around septic tank/cesspool locations.

2) Monitor for the presence of H_2S and methane.

3) Sample all boreholes at the 10, 20, and 30 ft. levels.

4) Measure the pH (EPA Method 9040) of each sample.

In addition, samples may be taken for tanks and cesspools at varied localities as indicated on the sample location plan (Figure 5) as possible sample sites. This would consist of the following:

1) Obtain (1) liquid sample with bailer

2) Transfer sample to glass container w/PVC twist cap

7.1 Job Description

The areas of swollen surface are indicated on Figures 4a and 4b and are recommended to be tested. A hollow-stem auger drilling rig will be required for all boreholes. The operation will utilize a four man crew consisting of a driller, drillers helper, a field technician, and a geologist/site safety officer.

7.2 Health and Safety

The same health and safety plan used for the underground tank investigation by A. L. Burke Engineers in December 1986 will be used for this work. The plan will be modified to reflect the concern with gaseous emissions of H_2S and methane.

7.3 Schedule

Dec. 8 through 11 - Submit sample plan to Airport Authority for approval.

Dec. 16 through 18 - Drilling and sampling operation underway.

Dec. 16 through 30 - Analysis of samples.

Jan. 4 through 18 - Evaluation of analytical data.

Jan. 18 - Feb. 1 - Prepare final report.

APPENDIX B

SITE SURVEY INFORMATION FORM

SPCC AND CONTINGENCY PLAN FIELD SURVEY

Field Engineer/Technician_____ Date_____
Project Number_____ Project Description_____
Facility_____ Site_____

1.0 SITE DESCRIPTION

1.1 Location_____

1.2 Shop_____ 1.3 Bldg. No._____ 1.4 Code_____

1.5 Supervisor's Name/Title/Phone No._____

1.6 Describe appearance of site: (paving, structures, condition of surface, building construction, etc.)

1.7 Site Operations/Processes:
(include number of people working at this site)

1.8 Type of Facility:

Storage: Material (What?, Form - liquid, solid, gas)

Wastes (What? Form - liquid, solid, gas)

Runoff Area

Loading/Unloading

1.9 Quantity of Hazardous Materials/Waste Handled (Note frequency: daily, weekly, etc.; location; type, size, numbers of containers)

1.10 Site Layout Sketch (Note structures -- buildings, fences, gates, fire extinguisher, parking lots, roadways, storm drains, eyewash, showers, utilities, fie hydrant, underground tanks -- and location; type of drains; slope of site; weather conditions (and prevailing wind direction) at time of survey and potential problems they could cause) Put a North arrow on the sketch.

1.11 Condition of Storage Area Foundation:

1.12 Condition of Retaining Walls, Material, Construction, Supports:

Additional Notes:

2.0 SPILL POTENTIAL

SPCC Measures: (Note if these are present and their condition; note location on site sketch. If not present, should they be installed?)

2.1 Containment:

Dikes

Berms

Retaining Walls

Impounding Basins

Diversion Ponds

Retention Ponds

Treatment System

Other

2.2 Drainage:

Curbing

Culverting

Guttering

Sewers

Grading

Valves

Other

2.3 Signs/Weather Protection:

Warning Signs

Locks/Fences/Gates

Alarms

Telephone Nearby

Crash Posts

Roofs

Other Weather Protection

Lighting

2.4 Emergency Equipment:

Absorbent

Splash Masks, Gloves

Fire Extinguishers (Type)

Vacuum Equipment

Portable Barriers

Pumps (With Spark Arresters)

Vehicle Response Kit

Eyewash/Safety Showers

2.5 Other:

Type of Drainage Valves

Visual Indication for Open/Close Position

Ventilation of Area

Potential Safety/Health Problems

2.6 Description of Tanks and Containers: (Note corrosion; leaks; size and material; shape; condition of supports and piping.)

2.7 Placement of Containers/Tanks: Is aisle space sufficient for access? Are incompatible materials segregated? Are proper labels used? Height of stacking? Use of pallets?

3.0 FIRST RESPONSE CONSIDERATIONS

3.1 Route and Destination of Spill:

3.2 Potential for Spread To/Impact On Adjacent Areas:

3.3 Immediate Actions Recommended:

3.4 Potential for Vapor cloud: Route?

3.5 Notification:

3.6 Containment/Cleanup Actions:

4.0 GENERAL SITE PROCEDURES

4.1 Tank overflow protection:

High liquid level alarms with and audible/visual signal

High liquid level pump cutoff

Direct communication beween the tank gauger and pumping station?

Liquid level indication on tank?

Are mobile storage tanks properly positioned to prevent spill reaching navigable water or improper drainage outlet?

4.2 Raw Material Storage Area/Runoff Area:

Must have drainage control or other features to prevent escape of hazardous substances. Drainage shall divert runoff to treatment or disposal systems (describe).

4.3 Liquid Loading/Unloading Area:

Secondary containment or treatment capacity to contain largest vessel or compartment plus rainfall from 2 year storm. Note: quick drainage system or diversionary structures such as grading and curbs to sump, separator, dike, catchment basin, or containment area are satisfactory measures

5.0 PREVENTIVE MAINTENANCE AND GOOD HOUSEKEEPING (all operations):

5.1 All areas are inspected at specified intervals for leaks and other conditions that could lead to discharges.

If an incident occurs, a procedure exists for corrective action to be taken (process or facility shut down). Have they had any spills in the past and, if so, how were they handled?

Procedures for collection/storage/treatment/disposal of spills are in place.

Additional Notes:

UNDERGROUND TANK FIELD SURVEY

Field Engineer/Technician
Project Number
Facility

Project Description
Site

Date

1.0 SITE DESCRIPTION

1.1 Location

1.2 Facility

1.3 Bldg. No.

1.4 Code or I. D.

1.5 Contact's Name/Title/Phone No.

1.6 Describe appearance of site: (paving, structures, condition of surface, building construction, etc.)

1.7 Site Operations/Processes:

1.8 Site Location (use site grid references)

1.9 What existing permits does facility have?

2.0 TANK DESCRIPTION

Description of Tanks: (Note corrosion; leaks; size and material; shape; condition of supports and piping.)

2.1 Do new underground tanks have double containment and is a proper monitoring system is in place (new and old)?

2.2 Is cathodic protection provided for tanks?

2.3 Are tanks pressure-tested on a scheduled, periodic basis as required by State/County?

2.4 Are tanks tested by County-approved method? Specify.

2.5 Have all tanks been registered and are registration forms on file at facility?

2.6 Tank overfill protection:

High liquid level alarms with and audible/visual signal

High liquid level pump cutoff

Direct communication beween the tank gauger and pumping station?

Liquid level indication?

2.7 Are controls for pumps secured to prevent pumps from being operated by unauthorized personnel

2.8 Are buried pipelines wrapped and coated to reduce corrosion, and is cathodic protection provided for buried pipelines?

2.9 When a buried pipeline section is exposed, is it inspected and corrective action taken as needed?

2.10 Is cathodic protection provided for buried pipelines as needed.

3.0 PREPARATION OF OPERATORS

3.1 Have personnel attended any trainin sessions related to tank operations or to regulatory requirements?

3.2 Do required inspections follow written procedures?

3.3 Are personnel familiar with regulatory requirements (testing, registration, monitoring)?

4.0 BACKGROUND RECORDS

4.1 Are records available dating back to beginning of facility operations?

4.2 Evidence of abandoned tanks (visual evidence -- fill pipes, etc.; written evidence; information from operators; other)

5.0 RECOMMENDATIONS

APPENDIX C

GEOPHYSICAL DATA

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
101	100	10:28:45	0	58673.3
101	100	10:28:59	1	58626.3
101	100	10:29:11	2	58604.1
101	100	10:29:22	3	58518.3
101	100	10:29:33	4	58576.8
101	100	10:29:43	5	58248.6
101	100	10:29:52	6	58500.2
101	100	10:30:01	7	58577.1
101	100	10:30:09	8	51952.5
101	100	10:30:24	9	51923.0
102	100	10:31:10	10	51866.2
102	100	10:31:19	11	45248.7
102	100	10:31:29	12	45313.4
102	100	10:31:38	13	45531.3
102	100	10:31:48	14	48059.4
102	100	10:31:56	15	52069.1
102	100	10:32:06	16	52224.0
102	100	10:32:16	17	52009.9
102	100	10:32:27	18	51959.8
102	100	10:32:38	19	47130.1
103	100	10:33:00	20	44635.8
103	100	10:33:09	21	46385.2
103	100	10:33:17	22	46975.3
103	100	10:33:24	23	47248.2
103	100	10:33:32	24	47293.6
103	100	10:33:40	25	47396.2
103	100	10:33:48	26	47529.5
103	100	10:33:55	27	47467.4
103	100	10:34:03	28	46834.5
103	100	10:34:12	29	52258.4
104	100	10:34:54	30	42422.3
104	100	10:35:02	31	47150.8
104	100	10:35:10	32	48122.0
104	100	10:35:19	33	48368.1
104	100	10:35:27	34	48324.8
104	100	10:35:35	35	48203.5
104	100	10:35:44	36	48275.6
104	100	10:35:53	37	47859.4
104	100	10:36:01	38	47443.0
104	100	10:36:10	39	45585.3
105	100	10:36:36	40	46418.7
105	100	10:36:44	41	45512.4
105	100	10:36:52	42	52086.6
105	100	10:37:01	43	45565.4
105	100	10:37:09	44	47775.2
105	100	10:37:16	45	49274.2
105	100	10:37:24	46	48557.8
105	100	10:37:57	47	48593.1
105	100	10:38:11	48	48767.1
105	100	10:38:21	49	48810.5
105	100	10:38:29	50	48770.7

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity (gammas)
105	100	10:38:29	50	48778.7
105	100	10:38:38	51	48636.7
105	100	10:38:46	52	48178.9
105	100	10:38:54	53	47263.8
105	100	10:39:02	54	47188.5
105	100	10:39:10	55	47255.1
105	100	10:39:17	56	47152.2
105	100	10:39:26	57	47036.9
105	100	10:39:34	58	45832.9
105	100	10:39:42	59	50052.5
105	100	10:39:50	60	49088.9
105	100	10:39:58	61	52004.4
105	100	10:40:07	62	52148.0
105	100	10:40:15	63	45457.0
105	100	10:40:23	64	45603.3
106	100	10:40:42	65	47457.3
106	100	10:41:09	66	45794.5
106	100	10:41:20	67	46718.2
106	100	10:41:35	68	47197.0
106	100	10:41:43	69	47692.0
106	100	10:42:01	70	47977.9
106	100	10:42:09	71	48280.7
106	100	10:42:19	72	48453.4
106	100	10:42:27	73	48468.3
106	100	10:42:37	74	48405.9
106	100	10:42:45	75	48352.3
105	100	10:42:54	76	48435.0
106	100	10:43:03	77	48665.6
106	100	10:43:14	78	48907.8
106	100	10:43:22	79	49017.5
106	100	10:43:31	80	49001.9
106	100	10:43:38	81	48926.9
106	100	10:43:47	82	48851.1
106	100	10:43:54	83	48734.5
106	100	10:44:01	84	48585.4
106	100	10:44:09	85	48426.6
106	100	10:44:17	86	46330.4
106	100	10:44:26	87	48307.2
106	100	10:44:34	88	48082.1
106	100	10:44:42	89	49447.9
107	100	10:49:54	90	48330.2
107	100	10:50:02	91	49315.1
107	100	10:50:09	92	53993.2
107	100	10:50:17	93	49262.1
107	100	10:50:25	94	48644.2
107	100	10:50:32	95	46782.5
107	100	10:50:39	96	48963.8
107	100	10:50:45	97	49001.0
107	100	10:50:52	98	49178.7

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
107	100	10:50:53	99	49426.4
107	100	10:51:10	100	49600.3
107	100	10:51:17	101	49275.7
107	100	10:51:27	102	48912.1
107	100	10:51:34	103	48458.8
107	100	10:51:41	104	45269.7
107	100	10:51:49	105	49588.7
107	100	10:51:56	106	48723.8
107	100	10:52:04	107	48785.5
107	100	10:52:11	108	48773.4
107	100	10:52:18	109	48753.3
107	100	10:52:29	110	48579.9
107	100	10:52:37	111	48243.4
107	100	10:52:45	112	47851.8
107	100	10:52:52	113	47161.2
107	100	10:52:59	114	43124.9
99	100	10:53:45	115	52177.3
111	110	11:10:32	116	48287.2
111	110	11:10:40	117	46824.8
111	110	11:10:48	118	47716.3
111	110	11:10:55	119	47577.4
111	110	11:11:03	120	48321.5
111	110	11:11:11	121	48421.5
111	110	11:11:18	122	48379.1
111	110	11:11:25	123	48721.8
111	110	11:11:32	124	48854.8
111	110	11:11:39	125	48488.7
111	110	11:12:10	126	41978.8
111	110	11:12:19	127	46325.7
111	110	11:12:26	128	48244.6
121	120	11:31:53	129	46494.2
121	120	11:32:01	130	47987.7
121	120	11:32:09	131	52264.5
121	120	11:32:17	132	49233.4
121	120	11:32:23	133	48253.6
121	120	11:32:31	134	48686.6
121	120	11:32:39	135	48893.9
121	120	11:32:47	136	49352.9
121	120	11:32:54	137	49563.1
121	120	11:33:01	138	50947.9
121	120	11:33:09	139	52106.0
121	120	11:33:15	140	49378.0
121	120	11:33:21	141	49180.4
121	120	11:33:29	142	48473.2
121	120	11:33:36	143	48148.6
121	120	11:33:43	144	48914.2
121	120	11:33:50	145	49812.9
121	120	11:33:58	146	48793.1
121	120	11:34:07	147	48860.8
121	120	11:34:15	148	48855.5
121	120	11:34:24	149	48679.1

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
121	120	11:34:31	150	49403.8
121	120	11:34:39	151	49099.9
121	120	11:34:47	152	47467.3
121	120	11:34:55	153	45296.7
122	120	11:35:18	154	45127.5
122	120	11:35:26	155	47678.5
122	120	11:35:34	156	48141.3
122	120	11:35:42	157	48435.7
122	120	11:35:51	158	49725.1
122	120	11:35:59	159	48997.1
122	120	11:36:24	160	48982.0
122	120	11:36:36	161	49455.2
122	120	11:36:48	162	49955.6
122	120	11:36:55	163	52164.4
122	120	11:37:03	164	48847.5
122	120	11:37:10	165	48546.0
122	120	11:37:19	166	49167.1
122	120	11:37:27	167	50554.8
122	120	11:37:34	168	51872.6
122	120	11:37:41	169	52181.8
122	120	11:37:50	170	51904.5
122	120	11:37:58	171	49353.3
122	120	11:38:06	172	48993.7
122	120	11:38:14	173	48557.8
122	120	11:38:22	174	48555.1
122	120	11:38:32	175	49258.1
122	120	11:38:44	176	47212.5
122	120	11:38:52	177	47843.8
122	120	11:39:00	178	47112.7
123	120	11:39:22	179	47687.8
123	120	11:39:32	180	47834.1
123	120	11:39:47	181	47766.6
123	120	11:39:54	182	46713.5
123	120	11:40:01	183	43641.3
123	120	11:40:08	184	46468.1
123	120	11:40:21	185	48711.2
123	120	11:40:32	186	49260.5
123	120	11:40:40	187	49533.1
123	120	11:40:47	188	49289.7
123	120	11:40:54	189	52809.6
123	120	11:41:02	190	49992.3
123	120	11:43:51	191	49365.6
123	120	11:43:58	192	48196.8
123	120	11:44:05	193	47809.3
123	120	11:44:13	194	47643.8
123	120	11:44:20	195	52033.9
123	120	11:44:30	196	51807.3
123	120	11:44:37	197	46036.9
123	120	11:44:44	198	51953.9
123	120	11:44:51	199	48434.4

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
123	120	11:44:59	200	48275.5
123	120	11:45:09	201	48076.0
123	120	11:45:27	202	47523.0
123	120	11:45:34	203	44866.5
131	130	11:54:16	204	49611.0
131	130	11:54:26	205	52092.8
131	130	11:54:39	206	51062.7
131	130	11:54:47	207	48419.8
131	130	11:54:55	208	49833.6
131	130	11:55:03	209	49209.2
132	130	11:55:32	210	47382.2
132	130	11:55:41	211	49163.5
132	130	11:55:49	212	52003.4
132	130	11:56:03	213	49345.9
132	130	11:56:12	214	49289.0
132	130	11:56:21	215	46460.5
133	130	11:56:40	216	43632.0
133	130	11:56:48	217	49313.4
133	130	11:56:57	218	45533.1
133	130	11:57:09	219	49265.9
133	130	11:57:18	220	48365.4
133	130	11:57:27	221	47404.1
134	130	11:57:57	222	45944.8
134	130	11:58:05	223	47262.7
134	130	11:58:12	224	49280.5
134	130	11:58:20	225	41763.9
134	130	11:58:28	226	23515.8
134	130	11:58:35	227	45471.9
135	130	11:58:56	228	46285.5
135	130	11:59:03	229	45069.4
135	130	11:59:11	230	39463.5
135	130	11:59:22	231	44709.7
135	130	11:59:30	232	45713.0
135	130	11:59:37	233	46727.2
136	130	11:59:51	234	52131.7
136	130	12:00:00	235	47286.9
136	130	12:00:08	236	47117.0
136	130	12:00:15	237	47494.3
136	130	12:00:23	238	48352.4
136	130	12:00:32	239	49022.7
137	130	12:01:08	240	48283.0
137	130	12:01:15	241	46884.4
137	130	12:01:23	242	47325.0
137	130	12:01:30	243	48293.4
137	130	12:01:38	244	47596.4
137	130	12:01:46	245	47655.1
137	130	12:01:54	246	45778.9
137	130	12:02:01	247	47166.1

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
137	130	12:02:08	248	47572.7
137	130	12:02:15	249	47652.6
137	130	12:02:23	250	47850.9
137	130	12:02:30	251	46779.4
138	130	12:02:48	252	37561.4
138	130	12:02:56	253	46833.6
138	130	12:03:04	254	48154.1
138	130	12:03:11	255	48301.6
138	130	12:03:20	256	46949.8
138	130	12:03:28	257	46538.4
138	130	12:03:36	258	47798.4
138	130	12:03:44	259	48168.0
138	130	12:03:53	260	48255.0
138	130	12:04:01	261	47924.9
138	130	12:04:08	262	47886.2
138	130	12:04:16	263	48542.4
138	130	12:05:12	264	48437.8
139	130	12:05:20	265	48320.2
139	130	12:05:27	266	48235.1
139	130	12:05:38	267	48249.7
139	130	12:06:41	268	48291.4
139	130	12:06:50	269	48053.2
139	130	12:07:00	270	47726.1
139	130	12:07:09	271	47716.9
139	130	12:08:05	272	48855.1
139	130	12:08:13	273	49102.9
139	130	12:08:21	274	51734.4
139	130	12:08:28	275	45932.6
139	130	12:08:36	276	45749.0
130	130	12:08:58	277	48232.8
130	130	12:09:06	278	41572.8
130	130	12:09:15	279	47858.4
130	130	12:09:23	280	48046.1
130	130	12:09:30	281	48753.2
130	130	12:09:39	282	46147.5
130	130	12:09:45	283	46625.3
130	130	12:09:53	284	47131.9
130	130	12:10:00	285	47629.8
130	130	12:10:08	286	48182.3
130	130	12:10:16	287	47936.9
130	130	12:10:24	288	47757.8
130	130	12:10:32	289	47860.9
141	140	12:25:44	290	48624.2
141	140	12:25:50	291	48311.9
141	140	12:25:57	292	48099.7
141	140	12:26:09	293	47543.9
141	140	12:26:17	294	45434.1
141	140	12:26:29	295	51944.7
142	140	12:26:54	296	48588.3

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
142	140	12:27:02	297	46229.2
142	140	12:27:09	298	47152.0
142	140	12:27:20	299	48149.7
142	140	12:27:27	300	48192.7
142	140	12:27:34	301	47179.8
143	140	12:27:49	302	46543.4
143	140	12:27:56	303	48313.6
143	140	12:28:05	304	48445.7
143	140	12:28:13	305	48009.9
143	140	12:28:20	306	47734.5
143	140	12:28:27	307	47491.1
144	140	12:28:40	308	48115.0
144	140	12:28:49	309	48370.5
144	140	12:28:59	310	48495.3
144	140	12:29:07	311	48542.5
144	140	12:29:14	312	48550.3
144	140	12:29:21	313	47527.6
145	140	12:29:45	314	47588.4
145	140	12:29:53	315	48495.0
145	140	12:30:00	316	48527.1
145	140	12:30:12	317	48581.4
145	140	12:30:22	318	48510.5
145	140	12:30:29	319	48391.6
146	140	12:32:23	320	48834.8
146	140	12:32:31	321	48550.4
146	140	12:32:39	322	48588.5
146	140	12:32:47	323	48490.9
146	140	12:32:55	324	48144.8
146	140	12:33:05	325	46957.2
147	140	12:33:21	326	51925.6
147	140	12:33:30	327	47799.4
147	140	12:33:38	328	48308.0
147	140	12:33:45	329	48648.1
147	140	12:33:53	330	48867.7
147	140	12:34:00	331	48604.2
148	140	12:34:19	332	46477.4
148	140	12:34:26	333	51995.4
148	140	12:34:39	334	52125.2
148	140	12:34:47	335	48194.0
148	140	12:34:56	336	47465.5
148	140	12:35:07	337	52186.1
149	140	12:35:43	338	38932.6
149	140	12:35:50	339	43953.3
149	140	12:35:57	340	46533.2
149	140	12:36:03	341	52156.4
149	140	12:36:10	342	47843.2
149	140	12:36:17	343	45734.9
149	140	12:36:25	344	47891.3
149	140	12:36:33	345	48202.3
149	140	12:36:41	346	47981.4

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
149	140	12:36:54	347	48563.5
149	140	12:37:03	348	48326.8
140	140	12:37:37	349	47315.2
140	140	12:37:50	350	47132.6
140	140	12:37:59	351	47384.9
140	140	12:38:08	352	47512.5
140	140	12:38:17	353	47906.2
140	140	12:38:29	354	46547.2
140	140	12:38:36	355	52090.2
140	140	12:38:44	356	46365.6
140	140	12:38:53	357	36596.1
140	140	12:39:00	358	37970.0
140	140	12:39:08	359	45475.4
151	150	15:18:26	360	52870.5
151	150	15:18:34	361	40490.4
151	150	15:18:42	362	38638.7
151	150	15:19:01	363	43440.4
151	150	15:19:11	364	42847.4
151	150	15:19:18	365	43011.5
151	150	15:19:25	366	45523.8
151	150	15:19:32	367	49375.2
151	150	15:19:40	368	36886.6
151	150	15:19:47	369	45704.5
151	150	15:19:54	370	45539.3
151	150	15:20:01	371	45628.6
151	150	15:20:09	372	38963.7
151	150	15:20:24	373	42733.9
152	150	15:20:47	374	45318.7
152	150	15:20:56	375	46115.0
152	150	15:21:03	376	46759.2
152	150	15:21:10	377	47393.3
152	150	15:21:17	378	47521.1
152	150	15:21:24	379	47590.7
152	150	15:21:31	380	47389.0
152	150	15:21:37	381	47365.4
152	150	15:21:44	382	47413.1
152	150	15:21:51	383	47068.9
152	150	15:21:58	384	48500.3
152	150	15:22:05	385	41721.5
152	150	15:22:12	386	38190.7
152	150	15:22:19	387	46653.6
152	150	15:22:26	388	47622.5
152	150	15:22:33	389	47530.6
153	150	15:22:52	390	48343.3
153	150	15:23:01	391	48702.5
153	150	15:23:08	392	48266.3
153	150	15:23:15	393	47976.0
153	150	15:23:22	394	47919.4
153	150	15:23:29	395	48068.7
153	150	15:23:36	396	48283.0
153	150	15:23:43	397	48354.4

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
153	150	15:23:50	398	48364.9
153	150	15:23:56	399	48371.1
153	150	15:24:03	400	48476.7
153	150	15:24:10	401	48435.8
153	150	15:24:16	402	48397.7
153	150	15:24:23	403	48231.5
153	150	15:24:33	404	47865.0
153	150	15:24:52	405	38230.8
154	150	15:25:10	406	46873.4
154	150	15:25:19	407	49393.8
154	150	15:25:26	408	49542.4
154	150	15:25:33	409	49021.9
154	150	15:25:40	410	48962.1
154	150	15:25:46	411	48787.6
154	150	15:25:54	412	48701.5
154	150	15:26:02	413	46698.9
154	150	15:26:10	414	48703.9
154	150	15:26:19	415	48742.8
154	150	15:26:26	416	49804.0
154	150	15:26:34	417	48722.3
154	150	15:26:41	418	49532.3
154	150	15:26:49	419	48408.5
154	150	15:26:57	420	48159.2
154	150	15:27:07	421	48199.1
155	150	15:33:27	422	49889.2
155	150	15:33:19	423	48584.3
155	150	15:33:32	424	48545.1
155	150	15:33:42	425	48921.7
155	150	15:33:54	426	49364.0
155	150	15:34:02	427	49061.3
155	150	15:34:11	428	48758.2
155	150	15:34:29	429	48768.9
155	150	15:34:38	430	48780.8
155	150	15:34:47	431	48784.9
155	150	15:34:55	432	48981.3
155	150	15:35:03	433	49060.7
155	150	15:35:13	434	49446.5
155	150	15:35:21	435	49329.1
155	150	15:35:32	436	49652.4
155	150	15:35:41	437	47147.6
156	150	15:36:50	438	47456.0
156	150	15:37:00	439	48757.9
156	150	15:37:22	440	48427.7
156	150	15:37:31	441	49228.4
156	150	15:37:39	442	49868.3
156	150	15:37:49	443	48781.5
156	150	15:37:57	444	48831.6
156	150	15:38:04	445	48832.8
156	150	15:38:11	446	48791.8
156	150	15:38:18	447	48828.3
156	150	15:38:26	448	49145.6

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
156	150	15:38:35	449	35076.4
156	150	15:38:42	450	49867.4
156	150	15:38:49	451	48585.4
156	150	15:38:59	452	48644.9
156	150	15:39:10	453	48730.5
157	150	15:39:28	454	48508.6
157	150	15:39:36	455	48469.4
157	150	15:39:43	456	48250.6
157	150	15:39:50	457	47930.0
157	150	15:39:59	458	48255.0
157	150	15:40:06	459	48513.3
157	150	15:40:13	460	48763.0
157	150	15:40:21	461	48727.1
157	150	15:40:28	462	48754.0
157	150	15:40:35	463	48759.2
157	150	15:40:43	464	48733.0
157	150	15:40:50	465	48513.3
157	150	15:40:58	466	47769.7
157	150	15:41:10	467	48289.5
157	150	15:41:20	468	48557.7
157	150	15:41:40	469	47379.1
158	150	15:42:01	470	46639.6
158	150	15:42:11	471	48330.5
158	150	15:42:19	472	48498.4
158	150	15:42:26	473	48471.6
158	150	15:42:34	474	48538.6
158	150	15:42:44	475	48584.2
158	150	15:42:51	476	48513.2
158	150	15:42:58	477	48423.8
158	150	15:43:07	478	48381.0
158	150	15:43:16	479	48332.4
158	150	15:43:23	480	48520.7
158	150	15:43:30	481	47554.0
158	150	15:43:37	482	45430.6
158	150	15:43:44	483	47901.6
158	150	15:43:51	484	48280.9
158	150	15:43:58	485	48253.0
159	150	15:47:23	486	47566.7
159	150	15:47:37	487	47685.4
159	150	15:47:48	488	47168.4
159	150	15:47:56	489	49343.9
159	150	15:48:10	490	32467.0
159	150	15:48:23	491	46824.3
159	150	15:48:30	492	47147.9
159	150	15:48:38	493	47383.7
159	150	15:48:45	494	47597.0
159	150	15:48:52	495	47963.9
159	150	15:49:00	496	48097.4
159	150	15:49:07	497	47950.1
159	150	15:49:14	498	48054.0
159	150	15:49:21	499	48437.8

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
159	150	15:49:29	500	46783.2
161	160	16:06:26	501	48621.3
161	160	16:06:38	502	46406.1
161	160	16:06:45	503	46768.0
161	160	16:06:52	504	46807.5
161	160	16:06:59	505	46576.0
161	160	16:07:06	506	45960.5
161	160	16:07:13	507	47047.9
161	160	16:07:20	508	46970.9
161	160	16:07:28	509	47516.0
161	160	16:07:35	510	47030.3
161	160	16:07:42	511	46539.5
161	160	16:07:49	512	48331.0
161	160	16:07:56	513	52048.1
161	160	16:08:04	514	42652.7
162	160	16:09:47	515	45556.5
162	160	16:09:55	516	45626.0
162	160	16:10:02	517	52014.1
162	160	16:10:09	518	47181.2
162	160	16:10:15	519	47776.5
162	160	16:10:22	520	48000.7
162	160	16:10:29	521	48246.4
162	160	16:10:39	522	48212.9
162	160	16:10:47	523	48076.6
162	160	16:10:54	524	47852.7
162	160	16:11:01	525	47672.9
162	160	16:11:08	526	47618.2
162	160	16:11:16	527	47436.3
162	160	16:11:23	528	52000.1
171	170	16:14:30	529	48323.2
171	170	16:14:37	530	48121.3
171	170	16:14:43	531	47793.5
171	170	16:14:49	532	47435.5
171	170	16:14:56	533	46766.9
171	170	16:15:03	534	48177.9
171	170	16:15:11	535	47026.7
171	170	16:15:18	536	47182.3
171	170	16:15:25	537	46960.5
171	170	16:15:32	538	45532.7
171	170	16:15:39	539	50542.4
171	170	16:15:46	540	46198.0
171	170	16:15:53	541	47106.3
171	170	16:16:00	542	47450.5
171	170	16:16:07	543	47269.5
171	170	16:16:14	544	47318.7
171	170	16:16:22	545	47494.9
171	170	16:16:29	546	47400.6
171	170	16:16:36	547	47476.2
171	170	16:16:43	548	48005.3
171	170	16:16:50	549	48322.2

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
171	170	16:16:59	550	49225.1
171	170	16:17:11	551	48377.0
171	170	16:17:19	552	47676.3
171	170	16:17:26	553	47504.3
171	170	16:17:33	554	47073.7
171	170	16:17:45	555	46776.8
171	170	16:17:53	556	46829.2
171	170	16:18:00	557	47017.0
171	170	16:18:08	558	46874.9
171	170	16:18:15	559	46950.2
171	170	16:18:25	560	47516.3
171	170	16:18:32	561	47533.4
171	170	16:18:40	562	47006.3
171	170	16:18:47	563	47684.1
171	170	16:18:55	564	46866.4
171	170	16:19:03	565	47210.8
171	170	16:19:10	566	47527.8
171	170	16:19:18	567	47550.8
171	170	16:19:43	568	47739.5
172	170	16:20:10	569	49310.5
172	170	16:20:17	570	47819.8
172	170	16:20:24	571	47797.3
172	170	16:20:32	572	47758.0
172	170	16:20:39	573	47664.6
172	170	16:20:45	574	47405.4
172	170	16:20:52	575	47307.1
172	170	16:20:59	576	47511.4
172	170	16:21:06	577	47749.8
172	170	16:21:12	578	47901.1
172	170	16:21:35	579	47758.8
172	170	16:21:43	580	47725.4
172	170	16:21:52	581	47551.5
172	170	16:21:58	582	47640.9
172	170	16:22:06	583	47719.0
172	170	16:22:12	584	47728.9
172	170	16:22:20	585	47537.4
172	170	16:22:27	586	47344.2
172	170	16:22:34	587	47654.4
172	170	16:22:42	588	49034.7
172	170	16:22:47	589	48204.6
172	170	16:22:55	590	48154.7
172	170	16:23:03	591	49076.7
172	170	16:23:12	592	49052.2
172	170	16:23:21	593	47966.1
172	170	16:23:31	594	47812.6
172	170	16:23:38	595	47891.7
172	170	16:23:47	596	47818.1
172	170	16:23:54	597	47454.2
172	170	16:24:03	598	46853.6
172	170	16:24:10	599	47147.2
172	170	16:24:17	600	47826.9

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
172	170	16:24:24	601	47794.8
172	170	16:24:32	602	47788.4
172	170	16:24:39	603	47793.7
172	170	16:24:46	604	47946.9
172	170	16:24:53	605	48145.9
172	170	16:25:00	606	48347.6
172	170	16:25:07	607	48545.8
172	170	16:25:14	608	48634.5
173	170	16:26:29	609	48527.6
173	170	16:26:36	610	48598.3
173	170	16:26:44	611	48088.5
173	170	16:26:53	612	47811.4
173	170	16:27:00	613	47351.1
173	170	16:27:12	614	46873.2
173	170	16:27:19	615	46990.7
173	170	16:27:28	616	47418.4
173	170	16:27:36	617	47501.8
173	170	16:27:43	618	46942.8
173	170	16:27:51	619	47131.4
173	170	16:27:58	620	47581.2
173	170	16:28:04	621	47645.4
173	170	16:28:11	622	47568.6
173	170	16:28:19	623	47627.4
173	170	16:28:26	624	47702.4
173	170	16:28:34	625	47848.3
173	170	16:28:41	626	47983.6
173	170	16:28:49	627	48125.0
173	170	16:28:55	628	48015.1
173	170	16:29:03	629	47485.0
173	170	16:29:09	630	49265.1
173	170	16:29:16	631	45850.3
173	170	16:29:23	632	45016.9
173	170	16:29:30	633	46684.0
173	170	16:29:36	634	47599.6
173	170	16:29:43	635	47568.8
173	170	16:29:50	636	47460.5
173	170	16:29:57	637	47353.0
173	170	16:30:04	638	47288.9
173	170	16:30:12	639	47173.2
173	170	16:30:19	640	45393.2
173	170	16:30:26	641	45603.5
173	170	16:30:33	642	46421.9
173	170	16:30:40	643	46904.2
173	170	16:30:48	644	46961.0
173	170	16:30:55	645	47053.7
173	170	16:31:02	646	46867.6
173	170	16:31:09	647	48399.3
173	170	16:31:17	648	39131.7
181	190	16:35:09	649	31899.1
181	190	16:35:17	650	37601.4
181	190	16:35:23	651	38999.2

Appendix C Continued

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
191	190	16:35:30	652	34679.3
191	190	16:36:07	653	45547.5
191	190	16:36:14	654	37937.4
191	190	16:36:20	655	45638.1
191	190	16:36:26	656	31748.1
191	190	16:36:33	657	38637.7
191	190	16:36:39	658	29001.9
191	190	16:36:47	659	39132.5
191	190	16:36:56	660	31078.7
191	190	16:37:03	661	35060.8
191	190	16:37:10	662	40137.5
191	190	16:37:17	663	47414.5
191	190	16:37:23	664	45934.2
191	190	16:37:30	665	39009.2
191	190	16:37:37	666	35035.4
191	190	16:37:44	667	41976.8
191	190	16:37:51	668	43597.7
191	190	16:39:42	669	47657.2
191	190	16:39:49	670	49253.7
191	190	16:39:56	671	46758.3
191	190	16:40:03	672	47052.5
191	190	16:40:10	673	47762.6
191	190	16:40:16	674	46561.7
191	190	16:40:25	675	38323.4
191	190	16:40:32	676	46277.2
191	190	16:40:45	677	46790.5
191	190	16:40:52	678	46838.7
191	190	16:40:59	679	46911.8
191	190	16:41:06	680	47902.6
191	190	16:41:12	681	47808.9
191	190	16:41:18	682	47940.4
191	190	16:41:23	683	49247.6
191	190	16:41:43	684	45273.7
191	190	16:41:51	685	44358.9
191	190	16:41:57	686	45573.1
191	190	16:42:04	687	30745.0
191	190	16:42:11	688	47516.0
191	190	16:42:18	689	48264.9
191	190	16:42:25	690	48750.4

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
221	220	10:02:03	2	0.0	0.0	49292.0
221	220	10:02:10	1	0.0	0.0	48843.2
221	220	10:02:21	2	0.0	0.0	48451.3
221	220	10:02:28	3	0.0	0.0	48361.5
221	220	10:02:35	4	0.0	0.0	47613.9
221	220	10:02:42	5	0.0	0.0	47822.2
221	220	10:02:49	6	0.0	0.0	47338.4
221	220	10:02:57	7	0.0	0.0	47687.5
221	220	10:03:04	8	0.0	0.0	47955.7
221	220	10:03:10	9	0.0	0.0	48126.1
221	220	10:03:19	10	0.0	0.0	48139.9
221	220	10:03:30	11	0.0	0.0	48149.7
221	220	10:03:39	12	0.0	0.0	47952.8
221	220	10:03:46	13	0.0	0.0	48253.8
221	220	10:03:54	14	0.0	0.0	48011.7
221	220	10:04:01	15	0.0	0.0	47677.5
221	220	10:04:08	16	0.0	0.0	47512.2
221	220	10:04:15	17	0.0	0.0	47979.3
221	220	10:04:22	18	0.0	0.0	48134.8
221	220	10:04:29	19	0.0	0.0	48112.2
221	220	10:04:36	20	0.0	0.0	48128.7
221	220	10:04:44	21	0.0	0.0	48155.3
221	220	10:04:56	22	0.0	0.0	47918.9
221	220	10:05:03	23	0.0	0.0	45633.1
222	220	10:05:10	24	0.0	0.0	41475.9
222	220	10:05:26	25	0.0	0.0	47885.2
222	221	10:05:34	26	0.0	0.0	48329.2
222	220	10:05:41	27	0.0	0.0	48213.9
222	220	10:05:48	28	0.0	0.0	48323.8
222	220	10:05:55	29	0.0	0.0	48332.9
222	220	10:06:01	30	0.0	0.0	48325.3
222	220	10:06:22	31	0.0	0.0	48328.1
222	220	10:06:30	32	0.0	0.0	48484.9
222	220	10:06:37	33	0.0	0.0	48812.6
222	220	10:06:44	34	0.0	0.0	48515.5
222	220	10:06:52	35	0.0	0.0	48433.8
222	220	10:07:00	36	0.0	0.0	48464.0
222	220	10:07:08	37	0.0	0.0	48479.4
222	220	10:07:15	38	0.0	0.0	48415.4
222	220	10:07:22	39	0.0	0.0	48352.7
222	220	10:07:29	40	0.0	0.0	48320.2
222	220	10:07:36	41	0.0	0.0	48328.3
222	220	10:07:43	42	0.0	0.0	49368.1
222	220	10:07:50	43	0.0	0.0	48463.6
222	220	10:07:57	44	0.0	0.0	48550.5
222	220	10:08:05	45	0.0	0.0	48492.4
222	220	10:08:13	46	0.0	0.0	49395.8
222	220	10:08:21	47	0.0	0.0	48594.2
223	220	10:08:35	48	0.0	0.0	45824.5

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
203	200	10:08:43	49	0.0	0.0	49213.9
203	200	10:08:53	50	0.0	0.0	47786.5
203	200	10:09:01	51	0.0	0.0	48979.2
203	200	10:09:10	52	0.0	0.0	49068.6
203	200	10:09:22	53	0.0	0.0	48556.7
203	200	10:09:31	54	0.0	0.0	48578.2
203	200	10:09:39	55	0.0	0.0	49219.4
203	200	10:09:46	56	0.0	0.0	47549.2
203	200	10:09:54	57	0.0	0.0	48229.4
203	200	10:10:02	58	0.0	0.0	48452.1
203	200	10:10:08	59	0.0	0.0	48262.1
203	200	10:10:16	60	0.0	0.0	48368.9
203	200	10:10:25	61	0.0	0.0	48475.5
203	200	10:10:35	62	0.0	0.0	36179.0
203	200	10:10:44	63	0.0	0.0	48384.5
203	200	10:10:54	64	0.0	0.0	49524.0
203	200	10:11:02	65	0.0	0.0	49385.3
203	200	10:11:10	66	0.0	0.0	48085.1
203	200	10:11:19	67	0.0	0.0	48025.0
203	200	10:11:28	68	0.0	0.0	48090.7
203	200	10:11:36	69	0.0	0.0	48116.5
203	200	10:11:44	70	0.0	0.0	50398.4
203	200	10:11:52	71	0.0	0.0	46725.5
211	210	10:13:37	72	0.0	0.0	47082.0
211	210	10:13:45	73	0.0	0.0	35043.3
211	210	10:13:53	74	0.0	0.0	38999.0
211	210	10:14:00	75	0.0	0.0	35181.2
211	210	10:14:08	76	0.0	0.0	33085.3
211	210	10:14:15	77	0.0	0.0	48851.3
211	210	10:14:23	78	0.0	0.0	46447.6
211	210	10:14:31	79	0.0	0.0	48558.0
211	210	10:14:38	80	0.0	0.0	49265.2
221	220	10:16:09	81	0.0	0.0	38964.1
221	220	10:16:21	82	0.0	0.0	48475.3
221	220	10:16:28	83	0.0	0.0	47659.0
221	220	10:16:35	84	0.0	0.0	48697.0
221	220	10:16:42	85	0.0	0.0	39029.2
221	220	10:16:50	86	0.0	0.0	50100.5
231	230	10:19:43	87	0.0	0.0	43130.4
231	230	10:19:55	88	0.0	0.0	47117.8
231	230	10:20:02	89	0.0	0.0	45729.1
231	230	10:20:09	90	0.0	0.0	46861.9
231	230	10:20:15	91	0.0	0.0	46153.0
231	230	10:20:23	92	0.0	0.0	31715.5
231	230	10:20:30	93	0.0	0.0	47509.5
232	230	10:20:48	94	0.0	0.0	45628.9
232	230	10:20:55	95	0.0	0.0	35240.7
232	230	10:21:01	96	0.0	0.0	37450.4
232	230	10:21:09	97	0.0	0.0	46587.7
232	230	10:21:16	98	0.0	0.0	22650.7
232	230	10:21:23	99	0.0	0.0	33411.2

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
232	230	10:21:30	100	0.0	0.0	35035.5
232	230	10:21:37	101	0.0	0.0	37663.5
232	230	10:21:43	102	0.0	0.0	35986.7
232	230	10:21:51	103	0.0	0.0	45658.2
232	230	10:21:58	104	0.0	0.0	45096.7
232	230	10:22:05	105	0.0	0.0	46483.8
232	230	10:22:12	106	0.0	0.0	49039.4
232	230	10:22:19	107	0.0	0.0	45491.2
232	230	10:22:27	108	0.0	0.0	46456.9
232	230	10:22:35	109	0.0	0.0	47857.4
232	230	10:22:43	110	0.0	0.0	49322.0
241	240	10:31:20	111	0.0	0.0	49269.3
241	240	10:31:28	112	0.0	0.0	48166.7
241	240	10:31:35	113	0.0	0.0	48877.1
241	240	10:31:43	114	0.0	0.0	48642.4
241	240	10:31:50	115	0.0	0.0	48870.3
241	240	10:31:58	116	0.0	0.0	48599.7
241	240	10:32:10	117	0.0	0.0	48334.8
241	240	10:32:19	118	0.0	0.0	48250.9
242	240	10:32:40	119	0.0	0.0	48116.2
242	240	10:32:48	120	0.0	0.0	48833.5
242	240	10:32:55	121	0.0	0.0	45875.1
242	240	10:33:03	122	0.0	0.0	48369.1
242	240	10:33:10	123	0.0	0.0	48122.7
242	240	10:33:20	124	0.0	0.0	47552.1
242	240	10:33:26	125	0.0	0.0	47573.2
242	240	10:33:34	126	0.0	0.0	47566.7
243	240	10:34:10	127	0.0	0.0	47829.0
243	240	10:34:18	128	0.0	0.0	47125.4
244	240	10:35:28	129	0.0	0.0	46526.9
244	240	10:35:35	130	0.0	0.0	47296.1
244	240	10:35:43	131	0.0	0.0	33335.7
245	240	10:36:21	132	0.0	0.0	47419.9
245	240	10:36:30	133	0.0	0.0	47745.5
245	240	10:36:43	134	0.0	0.0	48237.1
245	240	10:36:50	135	0.0	0.0	48214.8
245	240	10:36:58	136	0.0	0.0	49312.5
246	240	10:39:25	137	0.0	0.0	49147.9
246	240	10:39:35	138	0.0	0.0	48683.9
246	240	10:39:44	139	0.0	0.0	48367.7
246	240	10:39:54	140	0.0	0.0	49091.5
246	240	10:40:02	141	0.0	0.0	47417.1
247	240	10:40:26	142	0.0	0.0	45683.3
247	240	10:40:33	143	0.0	0.0	48305.8
247	240	10:40:43	144	0.0	0.0	35582.0
247	240	10:40:52	145	0.0	0.0	46503.3
247	240	10:41:00	146	0.0	0.0	47442.6
247	240	10:41:08	147	0.0	0.0	48335.9
247	240	10:41:16	148	0.0	0.0	48131.0
247	240	10:41:24	149	0.0	0.0	47676.5
247	240	10:41:33	150	0.0	0.0	41798.1

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
251	250	10:50:44	151	0.0	0.0	42867.9
251	250	10:50:54	152	0.0	0.0	48834.9
251	250	10:51:04	153	0.0	0.0	49765.1
252	250	10:51:45	154	0.0	0.0	35132.9
252	250	10:51:56	155	0.0	0.0	49366.1
252	250	10:52:05	156	0.0	0.0	48681.8
252	250	10:52:14	157	0.0	0.0	47802.9
253	250	10:52:44	158	0.0	0.0	43433.4
253	250	10:52:55	159	0.0	0.0	47827.5
253	250	10:53:10	160	0.0	0.0	48184.5
253	250	10:53:33	161	0.0	0.0	49219.6
253	250	10:53:41	162	0.0	0.0	46985.2
254	250	10:56:58	163	0.0	0.0	29621.5
254	250	10:57:05	164	0.0	0.0	47581.3
254	250	10:57:19	165	0.0	0.0	49388.0
254	250	10:57:28	166	0.0	0.0	47588.8
254	250	10:57:35	167	0.0	0.0	47234.9
254	250	10:57:41	168	0.0	0.0	46582.9
254	250	10:57:49	169	0.0	0.0	47105.9
254	250	10:58:02	170	0.0	0.0	38921.8
255	250	10:58:24	171	0.0	0.0	45448.1
255	250	10:58:30	172	0.0	0.0	26184.7
255	250	10:58:38	173	0.0	0.0	35885.1
255	250	10:58:49	174	0.0	0.0	46949.5
255	250	10:58:56	175	0.0	0.0	47857.7
255	250	10:59:03	176	0.0	0.0	47384.1
255	250	10:59:09	177	0.0	0.0	47536.0
255	250	10:59:17	178	0.0	0.0	47811.4
256	250	11:01:15	179	0.0	0.0	48816.9
256	250	11:01:23	180	0.0	0.0	48289.9
256	250	11:01:30	181	0.0	0.0	49184.5
256	250	11:01:37	182	0.0	0.0	48195.4
256	250	11:01:44	183	0.0	0.0	31643.7
256	250	11:01:55	184	0.0	0.0	33668.5
256	250	11:02:03	185	0.0	0.0	35083.0
261	260	11:14:04	186	0.0	0.0	37625.5
261	260	11:14:14	187	0.0	0.0	46254.5
261	260	11:14:20	188	0.0	0.0	42160.0
261	260	11:14:27	189	0.0	0.0	33853.5
262	260	11:14:47	190	0.0	0.0	26875.7
262	260	11:14:56	191	0.0	0.0	35308.7
262	260	11:15:04	192	0.0	0.0	49515.4
262	260	11:15:11	193	0.0	0.0	48158.9
262	260	11:15:19	194	0.0	0.0	47894.6
262	260	11:15:27	195	0.0	0.0	48194.1
263	260	11:15:41	196	0.0	0.0	47537.0
263	260	11:15:49	197	0.0	0.0	48852.5
263	260	11:15:56	198	0.0	0.0	48384.4
263	260	11:16:03	199	0.0	0.0	48447.0
263	260	11:16:09	200	0.0	0.0	47664.1
263	260	11:16:17	201	0.0	0.0	46503.6

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
263	259	11:15:25	202	0.0	0.0	21817.8
263	260	11:15:32	203	0.0	0.0	46271.7
263	260	11:15:40	204	0.0	0.0	45574.8
263	260	11:15:47	205	0.0	0.0	46566.2
263	260	11:15:55	206	0.0	0.0	47271.5
264	260	11:23:00	207	0.0	0.0	30845.6
264	260	11:23:12	208	0.0	0.0	47189.5
264	260	11:23:19	209	0.0	0.0	47346.1
264	260	11:23:28	210	0.0	0.0	47595.5
264	260	11:23:35	211	0.0	0.0	47653.7
264	260	11:23:42	212	0.0	0.0	48148.6
264	260	11:23:50	213	0.0	0.0	46420.6
264	260	11:23:57	214	0.0	0.0	48387.8
264	260	11:24:04	215	0.0	0.0	48191.4
264	260	11:24:12	216	0.0	0.0	47750.8
265	260	11:26:14	217	0.0	0.0	48269.7
265	260	11:26:23	218	0.0	0.0	49450.3
265	260	11:26:33	219	0.0	0.0	46262.5
265	260	11:26:41	220	0.0	0.0	48392.4
265	260	11:26:50	221	0.0	0.0	48385.5
265	260	11:26:58	222	0.0	0.0	45181.7
265	260	11:27:06	223	0.0	0.0	47715.6
265	260	11:27:15	224	0.0	0.0	47760.4
265	260	11:27:26	225	0.0	0.0	30351.0
266	260	11:28:42	226	0.0	0.0	26316.0
266	260	11:28:50	227	0.0	0.0	33504.9
266	260	11:28:59	228	0.0	0.0	48423.0
266	260	11:29:19	229	0.0	0.0	48517.5
266	260	11:29:26	230	0.0	0.0	48521.9
266	260	11:29:34	231	0.0	0.0	48401.6
266	260	11:29:41	232	0.0	0.0	47257.5
267	260	11:30:02	233	0.0	0.0	49049.3
267	260	11:30:10	234	0.0	0.0	45815.0
267	260	11:30:25	235	0.0	0.0	48926.0
267	260	11:30:34	236	0.0	0.0	49020.6
267	260	11:30:44	237	0.0	0.0	49012.7
267	260	11:30:53	238	0.0	0.0	25671.9
268	260	11:31:18	239	0.0	0.0	13588.9
268	260	11:31:25	240	0.0	0.0	45641.5
268	260	11:31:34	241	0.0	0.0	48732.1
268	260	11:31:41	242	0.0	0.0	48225.6
268	260	11:31:47	243	0.0	0.0	48938.3
268	260	11:31:55	244	0.0	0.0	48540.8
268	260	11:32:19	245	0.0	0.0	25417.6
269	260	11:32:38	246	0.0	0.0	48795.8
269	260	11:32:45	247	0.0	0.0	49064.9
269	260	11:32:51	248	0.0	0.0	45868.7
269	260	11:32:59	249	0.0	0.0	48877.6
269	260	11:33:08	250	0.0	0.0	49054.4
269	260	11:33:15	251	0.0	0.0	49374.8
269	260	11:34:48	252	0.0	0.0	52475.4

Line#	Surv.#	Time	Reading#		Intensity(Gammas)
271	270	11:37:45	253	0.0	0.0
271	270	11:37:53	254	0.0	0.0
272	270	11:38:14	255	0.0	0.0
272	270	11:38:20	256	0.0	0.0
272	270	11:38:27	257	0.0	0.0
272	270	11:38:34	258	0.0	0.0
281	280	11:43:39	259	0.0	0.0
281	280	11:43:47	260	0.0	0.0
281	280	11:43:54	261	0.0	0.0
281	280	11:44:08	262	0.0	0.0
281	280	11:44:16	263	0.0	0.0
281	280	11:44:22	264	0.0	0.0
281	280	11:44:29	265	0.0	0.0
281	280	11:45:10	266	0.0	0.0
281	280	11:45:19	267	0.0	0.0
283	280	11:49:02	268	0.0	0.0
283	280	11:49:10	269	0.0	0.0
283	280	11:49:45	270	0.0	0.0
283	280	11:49:54	271	0.0	0.0
283	280	11:50:06	272	0.0	0.0
283	280	11:50:16	273	0.0	0.0
283	280	11:50:22	274	0.0	0.0
283	280	11:50:30	275	0.0	0.0
283	280	11:50:37	276	0.0	0.0
284	280	11:51:36	277	0.0	0.0
284	280	11:51:43	278	0.0	0.0
284	280	11:51:49	279	0.0	0.0
284	280	11:51:56	280	0.0	0.0
284	280	11:52:02	281	0.0	0.0
284	280	11:52:08	282	0.0	0.0
284	280	11:52:14	283	0.0	0.0
284	280	11:52:20	284	0.0	0.0
284	280	11:52:27	285	0.0	0.0
284	280	11:52:32	286	0.0	0.0
284	280	11:52:39	287	0.0	0.0
284	280	11:52:45	288	0.0	0.0
284	280	11:52:52	289	0.0	0.0
284	280	11:53:07	290	0.0	0.0
285	280	11:53:32	291	0.0	0.0
285	280	11:53:48	292	0.0	0.0
285	280	11:53:56	293	0.0	0.0
285	280	11:54:03	294	0.0	0.0
285	280	11:54:10	295	0.0	0.0
285	280	11:54:17	296	0.0	0.0
285	280	11:54:24	297	0.0	0.0
285	280	11:54:34	298	0.0	0.0
285	280	11:54:42	299	0.0	0.0
285	280	11:54:49	300	0.0	0.0
285	280	11:55:04	301	0.0	0.0
285	280	11:55:11	302	0.0	0.0
285	280	11:55:18	303	0.0	0.0

Line#	Surv.#	Time	Reading#		Intensity(Gammas)
285	280	11:55:25	304	0.0	47826.3
286	280	11:55:46	305	0.0	46377.1
286	280	11:55:54	306	0.0	48440.9
286	280	11:56:00	307	0.0	48668.6
286	280	11:56:05	308	0.0	48724.3
286	280	11:56:13	309	0.0	48688.7
286	280	11:56:19	310	0.0	48577.5
286	280	11:56:26	311	0.0	48639.9
286	280	11:56:36	312	0.0	48624.5
286	280	11:56:44	313	0.0	48911.9
285	280	11:56:52	314	0.0	48912.9
286	280	11:56:58	315	0.0	48809.2
285	280	11:57:05	316	0.0	48763.3
286	280	11:57:12	317	0.0	48667.7
286	280	11:57:25	318	0.0	46459.0
287	280	11:57:56	319	0.0	47443.8
287	280	11:58:08	320	0.0	48145.2
287	280	11:58:16	321	0.0	48501.7
287	280	11:58:25	322	0.0	48725.8
287	280	11:58:35	323	0.0	48693.3
287	280	11:58:42	324	0.0	48933.6
287	280	11:58:48	325	0.0	48762.9
287	280	11:58:56	326	0.0	48618.1
287	280	11:59:05	327	0.0	48728.0
287	280	11:59:14	328	0.0	48793.1
287	280	11:59:21	329	0.0	48691.3
287	280	11:59:29	330	0.0	48542.5
287	280	11:59:36	331	0.0	48447.1
287	280	11:59:43	332	0.0	47423.9
288	280	12:00:00	333	0.0	47871.6
288	280	12:00:07	334	0.0	48448.9
288	280	12:00:16	335	0.0	48319.1
288	280	12:00:22	336	0.0	48451.5
288	280	12:00:28	337	0.0	48857.9
288	280	12:00:35	338	0.0	48518.8
288	280	12:00:42	339	0.0	48412.4
288	280	12:00:56	340	0.0	49161.3
288	280	12:01:06	341	0.0	45581.2
288	280	12:01:17	342	0.0	38979.4
288	280	12:01:26	343	0.0	32924.4
288	280	12:01:34	344	0.0	42543.4
288	280	12:01:43	345	0.0	45483.0
288	280	12:01:52	346	0.0	34012.3
291	290	13:37:20	347	0.0	26737.3
291	290	13:37:27	348	0.0	33356.8
291	290	13:37:34	349	0.0	34635.3
291	290	13:37:41	350	0.0	25615.6
291	290	13:37:48	351	0.0	29651.6
291	290	13:37:55	352	0.0	32538.6
291	290	13:38:02	353	0.0	22799.6
291	290	13:38:09	354	0.0	25891.7

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
291	290	13:35:16	355	0.0	0.0	32542.8
292	290	13:36:34	356	0.0	0.0	32414.5
292	290	13:38:41	357	0.0	0.0	35113.5
292	290	13:39:00	358	0.0	0.0	45229.4
292	290	13:39:07	359	0.0	0.0	45372.6
292	290	13:39:14	360	0.0	0.0	45966.7
292	290	13:39:20	361	0.0	0.0	46475.8
292	290	13:39:27	362	0.0	0.0	46716.5
292	290	13:39:33	363	0.0	0.0	46828.5
292	290	13:39:40	364	0.0	0.0	47051.4
292	290	13:40:06	365	0.0	0.0	47275.0
293	290	13:40:13	366	0.0	0.0	47311.3
293	290	13:40:21	367	0.0	0.0	47354.5
293	290	13:40:28	368	0.0	0.0	47353.7
293	290	13:40:34	369	0.0	0.0	46772.5
293	290	13:40:51	370	0.0	0.0	45642.7
293	290	13:41:04	371	0.0	0.0	45282.7
293	290	13:41:10	372	0.0	0.0	44612.3
293	290	13:41:19	373	0.0	0.0	38991.3
294	290	13:43:07	374	0.0	0.0	35753.7
294	290	13:43:18	375	0.0	0.0	44425.5
294	290	13:43:26	376	0.0	0.0	45721.0
294	290	13:43:42	377	0.0	0.0	46113.8
294	290	13:43:48	378	0.0	0.0	25535.0
294	290	13:44:16	379	0.0	0.0	47602.5
294	290	13:44:33	380	0.0	0.0	47993.5
294	290	13:44:41	381	0.0	0.0	47875.7
294	290	13:44:49	382	0.0	0.0	38931.2
295	290	13:45:04	383	0.0	0.0	42837.1
295	290	13:46:10	384	0.0	0.0	47753.5
295	290	13:46:17	385	0.0	0.0	47726.1
295	290	13:46:23	386	0.0	0.0	47431.9
295	290	13:46:32	387	0.0	0.0	45428.7
295	290	13:46:37	388	0.0	0.0	28895.7
295	290	13:46:44	389	0.0	0.0	45765.5
295	290	13:46:51	390	0.0	0.0	45698.4
295	290	13:46:58	391	0.0	0.0	38534.8
296	290	13:47:15	392	0.0	0.0	33632.4
296	290	13:47:23	393	0.0	0.0	45728.4
296	290	13:47:32	394	0.0	0.0	46287.4
296	290	13:47:38	395	0.0	0.0	45313.0
296	290	13:47:45	396	0.0	0.0	46542.8
296	290	13:47:51	397	0.0	0.0	47538.2
296	290	13:47:58	398	0.0	0.0	47918.7
296	290	13:48:05	399	0.0	0.0	48164.4
296	290	13:48:11	400	0.0	0.0	38981.2
297	290	13:48:25	401	0.0	0.0	44184.3
297	290	13:48:32	402	0.0	0.0	48632.2
297	290	13:48:40	403	0.0	0.0	48442.4
297	290	13:48:49	404	0.0	0.0	45202.5
297	290	13:48:56	405	0.0	0.0	47845.2

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
297	290	13:49:02	426	0.0	0.0	47258.2
297	291	13:49:08	427	0.0	0.0	46849.5
297	292	13:49:15	428	0.0	0.0	45721.3
297	293	13:49:22	429	0.0	0.0	52515.1
298	294	13:49:25	430	0.0	0.0	24834.3
298	295	13:49:42	431	0.0	0.0	45837.1
298	296	13:49:49	432	0.0	0.0	46564.2
298	297	13:49:56	433	0.0	0.0	47743.6
298	298	13:50:03	434	0.0	0.0	45.16.2
298	299	13:50:09	435	0.0	0.0	48178.9
298	300	13:50:17	436	0.0	0.0	47402.4
298	301	13:50:24	437	0.0	0.0	46717.4
299	302	13:50:33	438	0.0	0.0	[illegible]
299	303	13:50:40	439	0.0	0.0	32855.6
299	304	13:50:54	440	0.0	0.0	48.82.5
299	305	13:51:01	441	0.0	0.0	47916.8
299	306	13:51:08	442	0.0	0.0	47947.3
299	307	13:51:15	443	0.0	0.0	48124.3
299	308	13:51:21	444	0.0	0.0	47617.5
299	309	13:51:28	445	0.0	0.0	47126.5
299	310	13:51:42	446	0.0	0.0	[illegible]
299	311	13:51:53	447	0.0	0.0	[illegible]
301	312	14:11:59	448	0.0	0.0	48979.2
301	313	14:12:05	449	0.0	0.0	48634.6
301	314	14:12:12	450	0.0	0.0	47522.7
301	315	14:12:19	451	0.0	0.0	47512.5
301	316	14:12:26	452	0.0	0.0	45822.2
301	317	14:12:33	453	0.0	0.0	46625.4
301	318	14:12:42	454	0.0	0.0	46274.2
301	319	14:12:47	455	0.0	0.0	47543.8
301	320	14:13:04	456	0.0	0.0	48.12.1
301	321	14:13:11	457	0.0	0.0	48.33.4
301	322	14:13:17	458	0.0	0.0	47618.6
301	323	14:13:24	459	0.0	0.0	47934.3
301	324	14:13:31	460	0.0	0.0	48362.2
301	325	14:13:37	461	0.0	0.0	48854.6
301	326	14:13:44	462	0.0	0.0	49355.3
301	327	14:13:52	463	0.0	0.0	49543.1
301	328	14:13:57	464	0.0	0.0	48905.7
301	329	14:14:03	465	0.0	0.0	48548.6
301	330	14:14:10	466	0.0	0.0	48481.5
301	331	14:14:16	467	0.0	0.0	48552.1
301	332	14:14:23	468	0.0	0.0	38641.8
301	333	14:14:29	469	0.0	0.0	4877[illegible]
301	334	14:14:36	470	0.0	0.0	49048.9
301	335	14:14:43	471	0.0	0.0	48934.6
301	336	14:14:49	472	0.0	0.0	49557.7
301	337	14:14:56	473	0.0	0.0	45826.4
301	338	14:15:03	474	0.0	0.0	49240.2
301	339	14:15:10	475	0.0	0.0	48:52.5
301	340	14:15:17	476	0.0	0.0	49161.4

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
301	300	14:15:24	457	0.0	0.0	49087.5
301	300	14:15:31	458	0.0	0.0	49881.9
301	300	14:15:39	459	0.0	0.0	49117.8
301	300	14:15:46	460	0.0	0.0	45189.3
301	300	14:15:54	461	0.0	0.0	49845.1
301	300	14:16:00	462	0.0	0.0	45218.6
301	300	14:16:07	463	0.0	0.0	48975.2
301	300	14:16:15	464	0.0	0.0	48556.3
301	300	14:16:23	465	0.0	0.0	45821.2
301	300	14:16:31	466	0.0	0.0	45589.6
301	300	14:16:38	467	0.0	0.0	50113.3
301	300	14:16:46	468	0.0	0.0	50043.3
301	300	14:16:53	469	0.0	0.0	43571.1
301	300	14:16:59	470	0.0	0.0	43439.3
301	300	14:17:06	471	0.0	0.0	49419.7
301	300	14:17:13	472	0.0	0.0	45478.2
301	300	14:17:20	473	0.0	0.0	49472.1
301	300	14:17:26	474	0.0	0.0	45405.5
301	300	14:17:33	475	0.0	0.0	49478.7
301	300	14:17:41	476	0.0	0.0	48659.0
301	300	14:17:48	477	0.0	0.0	50122.3
301	300	14:17:55	478	0.0	0.0	46819.7
301	300	14:18:02	479	0.0	0.0	47555.6
301	300	14:18:09	480	0.0	0.0	47797.5
301	300	14:18:16	481	0.0	0.0	47908.4
301	300	14:18:23	482	0.0	0.0	48884.3
301	300	14:18:31	483	0.0	0.0	48423.4
301	300	14:18:38	484	0.0	0.0	21274.4
301	300	14:18:45	485	0.0	0.0	23552.5
301	300	14:18:52	486	0.0	0.0	48110.6
301	300	14:19:00	487	0.0	0.0	49367.3
301	300	14:19:06	488	0.0	0.0	49451.5
301	300	14:19:13	489	0.0	0.0	48424.6
301	300	14:19:20	490	0.0	0.0	49329.5
301	300	14:19:26	491	0.0	0.0	49123.6
301	300	14:19:33	492	0.0	0.0	49259.7
301	300	14:19:40	493	0.0	0.0	48783.5
301	300	14:19:46	494	0.0	0.0	48813.6
301	300	14:19:54	495	0.0	0.0	48845.2
301	300	14:20:01	496	0.0	0.0	45124.6
301	300	14:20:09	497	0.0	0.0	49175.5
301	300	14:20:16	498	0.0	0.0	49287.0
301	300	14:20:51	499	0.0	0.0	49152.2
301	300	14:20:59	500	0.0	0.0	48367.6
301	300	14:21:07	501	0.0	0.0	49279.3
301	300	14:21:14	502	0.0	0.0	49356.6
301	300	14:21:21	503	0.0	0.0	48652.7
301	300	14:21:28	504	0.0	0.0	38981.4
301	300	14:21:35	505	0.0	0.0	19523.8
301	300	14:21:42	506	0.0	0.0	46524.8

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
301	300	14:21:49	507	0.0	0.0	48871.6
301	300	14:21:55	508	0.0	0.0	32426.4
301	300	14:22:02	509	0.0	0.0	29885.0
302	300	14:22:19	510	0.0	0.0	38586.9
302	300	14:22:25	511	0.0	0.0	47853.4
302	300	14:22:34	512	0.0	0.0	48458.9
302	300	14:22:43	513	0.0	0.0	48418.5
302	300	14:22:47	514	0.0	0.0	48488.6
302	300	14:22:54	515	0.0	0.0	48725.5
302	300	14:23:01	516	0.0	0.0	49073.4
302	300	14:23:09	517	0.0	0.0	49249.4
302	300	14:23:16	518	0.0	0.0	49278.9
302	300	14:23:24	519	0.0	0.0	49232.9
302	300	14:23:32	520	0.0	0.0	49326.4
302	300	14:23:39	521	0.0	0.0	49293.4
302	300	14:23:47	522	0.0	0.0	49256.2
302	300	14:23:54	523	0.0	0.0	49225.3
302	300	14:24:00	524	0.0	0.0	49224.8
302	300	14:24:05	525	0.0	0.0	49224.5
302	300	14:24:13	526	0.0	0.0	49204.6
302	300	14:24:21	527	0.0	0.0	49674.5
302	300	14:24:28	528	0.0	0.0	48968.7
302	300	14:24:36	529	0.0	0.0	48516.4
302	300	14:24:44	530	0.0	0.0	48945.5
302	300	14:24:51	531	0.0	0.0	49025.2
302	300	14:24:59	532	0.0	0.0	49148.5
302	300	14:25:05	533	0.0	0.0	49065.2
302	300	14:25:13	534	0.0	0.0	48862.3
302	300	14:25:19	535	0.0	0.0	49253.7
302	300	14:25:27	536	0.0	0.0	49022.1
302	300	14:25:35	537	0.0	0.0	48915.5
302	300	14:25:41	538	0.0	0.0	48722.6
302	300	14:25:48	539	0.0	0.0	48891.2
302	300	14:25:56	540	0.0	0.0	48912.1
302	300	14:26:02	541	0.0	0.0	48851.2
302	300	14:26:09	542	0.0	0.0	49559.4
302	300	14:26:15	543	0.0	0.0	49288.5
302	300	14:26:22	544	0.0	0.0	49281.4
302	300	14:26:29	545	0.0	0.0	48843.2
302	300	14:26:36	546	0.0	0.0	48238.6
302	300	14:26:43	547	0.0	0.0	48823.7
302	300	14:26:54	548	0.0	0.0	49196.8
302	300	14:27:00	549	0.0	0.0	49288.4
302	300	14:27:11	550	0.0	0.0	49383.6
302	300	14:27:18	551	0.0	0.0	49324.7
302	300	14:27:25	552	0.0	0.0	49694.4
302	300	14:27:31	553	0.0	0.0	49312.2
302	300	14:27:38	554	0.0	0.0	49049.0
302	300	14:27:44	555	0.0	0.0	48941.2
302	300	14:27:50	556	0.0	0.0	48944.3
302	300	14:27:57	557	0.0	0.0	48935.6

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
302	300	14:28:24	558	0.0	0.0	48968.3
302	300	14:28:11	559	0.0	0.0	48969.7
302	300	14:28:18	560	0.0	0.0	49025.5
302	300	14:28:24	561	0.0	0.0	49016.1
302	300	14:28:30	562	0.0	0.0	48948.6
302	300	14:28:37	563	0.0	0.0	49027.3
302	300	14:28:43	564	0.0	0.0	49026.7
302	300	14:28:50	565	0.0	0.0	49011.8
302	300	14:29:13	566	0.0	0.0	49021.1
302	300	14:29:20	567	0.0	0.0	49013.5
302	300	14:29:30	568	0.0	0.0	48999.1
302	300	14:29:37	569	0.0	0.0	48955.7
302	300	14:29:43	570	0.0	0.0	48958.5
302	300	14:29:50	571	0.0	0.0	48953.6
302	300	14:29:57	572	0.0	0.0	48933.3
302	300	14:30:04	573	0.0	0.0	48953.6
302	300	14:30:11	574	0.0	0.0	49031.5
302	300	14:30:20	575	0.0	0.0	49106.3
302	300	14:30:27	576	0.0	0.0	49425.5
302	300	14:30:33	577	0.0	0.0	49706.1
302	300	14:30:40	578	0.0	0.0	49525.4
302	300	14:30:46	579	0.0	0.0	49267.7
302	300	14:30:53	580	0.0	0.0	48928.4
302	300	14:31:00	581	0.0	0.0	48656.7
302	300	14:31:06	582	0.0	0.0	48456.0
302	300	14:31:12	583	0.0	0.0	48788.1
302	300	14:31:18	584	0.0	0.0	48679.4
302	300	14:31:24	585	0.0	0.0	48620.6
302	300	14:31:31	586	0.0	0.0	48632.9
302	300	14:31:38	587	0.0	0.0	48651.7
302	300	14:31:44	588	0.0	0.0	48633.7
302	300	14:31:51	589	0.0	0.0	48670.2
302	300	14:31:58	590	0.0	0.0	48757.3
302	300	14:32:05	591	0.0	0.0	48875.9
303	300	14:32:24	592	0.0	0.0	48907.7
303	300	14:32:31	593	0.0	0.0	48886.6
303	300	14:32:38	594	0.0	0.0	48931.2
303	300	14:32:43	595	0.0	0.0	48962.7
303	300	14:32:27	596	0.0	0.0	48821.6
303	300	14:33:36	597	0.0	0.0	48834.0
303	300	14:33:44	598	0.0	0.0	48881.4
303	300	14:34:47	599	0.0	0.0	48803.3
303	300	14:34:54	600	0.0	0.0	48701.4
303	300	14:35:01	601	0.0	0.0	48953.9
303	300	14:35:07	602	0.0	0.0	48872.0
303	300	14:35:14	603	0.0	0.0	48768.9
303	300	14:35:20	604	0.0	0.0	48729.0
303	300	14:35:27	605	0.0	0.0	48897.4
303	300	14:35:37	606	0.0	0.0	48388.2
303	300	14:35:44	607	0.0	0.0	48909.3
303	300	14:35:50	608	0.0	0.0	48957.6

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
303	300	14:35:57	609	0.0	0.0	45218.6
303	300	14:36:03	610	0.0	0.0	49043.6
303	300	14:36:10	611	0.0	0.0	45072.5
303	300	14:36:16	612	0.0	0.0	49002.5
303	300	14:36:23	613	0.0	0.0	49086.3
303	300	14:36:31	614	0.0	0.0	43047.0
303	300	14:36:40	615	0.0	0.0	49022.7
303	300	14:36:51	616	0.0	0.0	48938.5
303	300	14:36:58	617	0.0	0.0	45241.9
303	300	14:37:04	618	0.0	0.0	49086.6
303	300	14:37:10	619	0.0	0.0	45075.0
303	300	14:37:16	620	0.0	0.0	49096.5
303	300	14:37:23	621	0.0	0.0	49053.0
303	300	14:37:29	622	0.0	0.0	49054.9
303	300	14:37:37	623	0.0	0.0	49013.3
303	300	14:37:45	624	0.0	0.0	48967.0
303	300	14:37:55	625	0.0	0.0	49033.6
303	300	14:38:03	626	0.0	0.0	48924.2
303	300	14:38:10	627	0.0	0.0	48932.0
303	300	14:38:17	628	0.0	0.0	48684.3
303	300	14:38:24	629	0.0	0.0	49134.6
303	300	14:38:32	630	0.0	0.0	49485.5
303	300	14:38:38	631	0.0	0.0	48349.5
303	300	14:38:46	632	0.0	0.0	49512.1
303	300	14:38:55	633	0.0	0.0	49193.6
303	300	14:39:01	634	0.0	0.0	49193.2
303	300	14:39:08	635	0.0	0.0	49154.2
303	300	14:39:15	636	0.0	0.0	49224.8
303	300	14:39:24	637	0.0	0.0	49222.3
303	300	14:39:53	638	0.0	0.0	49243.6
303	300	14:40:00	639	0.0	0.0	49287.0
303	300	14:40:05	640	0.0	0.0	45375.6
303	300	14:40:18	641	0.0	0.0	48320.4
303	300	14:40:26	642	0.0	0.0	49186.3
303	300	14:40:35	643	0.0	0.0	49081.0
303	300	14:40:42	644	0.0	0.0	45078.8
303	300	14:40:49	645	0.0	0.0	49136.6
303	300	14:40:57	646	0.0	0.0	49284.5
303	300	14:41:04	647	0.0	0.0	49250.4
303	300	14:41:12	648	0.0	0.0	49284.8
303	300	14:41:19	649	0.0	0.0	49195.5
303	300	14:41:26	650	0.0	0.0	49266.3
303	300	14:41:35	651	0.0	0.0	48759.1
303	300	14:41:48	652	0.0	0.0	48468.0
303	300	14:41:52	653	0.0	0.0	48372.5
303	300	14:41:59	654	0.0	0.0	49343.6
303	300	14:42:07	655	0.0	0.0	49782.5
303	300	14:42:19	656	0.0	0.0	49220.4
303	300	14:42:27	657	0.0	0.0	48245.3
303	300	14:42:34	658	0.0	0.0	49193.5
303	300	14:42:42	659	0.0	0.0	49211.0

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
303	300	14:42:50	650	0.0	0.0	49254.5
303	300	14:42:57	651	0.0	0.0	49319.8
303	300	14:43:06	652	0.0	0.0	49355.9
303	300	14:43:14	653	0.0	0.0	49231.7
303	300	14:43:21	654	0.0	0.0	49292.0
303	300	14:43:30	655	0.0	0.0	48793.2
303	300	14:43:39	656	0.0	0.0	48755.7
303	300	14:43:45	657	0.0	0.0	48876.2
303	300	14:43:52	658	0.0	0.0	48576.9
303	300	14:43:58	659	0.0	0.0	48819.4
303	300	14:44:05	670	0.0	0.0	48785.0
303	300	14:44:11	671	0.0	0.0	48210.7
303	300	14:44:18	672	0.0	0.0	48638.8
304	300	14:44:32	673	0.0	0.0	48183.1
304	300	14:44:40	674	0.0	0.0	48282.6
304	300	14:44:47	675	0.0	0.0	48711.5
304	300	14:45:17	676	0.0	0.0	48583.7
304	300	14:45:23	677	0.0	0.0	48862.8
304	300	14:45:29	678	0.0	0.0	48940.5
304	300	14:46:17	679	0.0	0.0	48851.4
304	300	14:46:24	680	0.0	0.0	48577.1
304	300	14:46:31	681	0.0	0.0	48616.6
304	300	14:46:38	682	0.0	0.0	49050.3
304	300	14:46:59	683	0.0	0.0	49324.5
304	300	14:47:06	684	0.0	0.0	49475.7
304	300	14:47:13	685	0.0	0.0	49414.0
304	300	14:47:20	686	0.0	0.0	49244.8
304	300	14:48:28	687	0.0	0.0	48102.2
304	300	14:48:34	688	0.0	0.0	48819.1
304	300	14:48:44	689	0.0	0.0	48826.3
304	300	14:48:51	690	0.0	0.0	15481.2
304	300	14:50:42	691	0.0	0.0	26171.7
304	300	14:50:49	692	0.0	0.0	19452.1
304	300	14:50:57	693	0.0	0.0	27676.6
304	300	14:51:04	694	0.0	0.0	45553.5
304	300	14:51:12	695	0.0	0.0	48324.5
304	300	14:51:19	696	0.0	0.0	48775.9
304	300	14:51:26	697	0.0	0.0	48955.8
304	300	14:51:33	698	0.0	0.0	49050.1
304	300	14:51:50	699	0.0	0.0	49123.5
304	300	14:51:57	700	0.0	0.0	49285.0
304	300	14:52:04	701	0.0	0.0	49155.6
304	300	14:52:10	702	0.0	0.0	49138.5
304	300	14:52:17	703	0.0	0.0	49135.9
304	300	14:52:24	704	0.0	0.0	49273.4
304	300	14:52:31	705	0.0	0.0	49289.3
304	300	14:52:38	706	0.0	0.0	49218.4
304	300	14:52:44	707	0.0	0.0	49188.6
304	300	14:52:51	708	0.0	0.0	49158.6
304	300	14:52:58	709	0.0	0.0	49186.8
304	300	14:53:04	710	0.0	0.0	49152.9
304	300	14:53:10	711	0.0	0.0	49126.7

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
304	300	14:53:17	712	0.0	0.0	48188.5
304	302	14:53:26	713	0.0	0.0	48278.9
304	304	14:53:34	714	0.0	0.0	48363.4
304	306	14:53:41	715	0.0	0.0	48994.7
304	308	14:53:48	716	0.0	0.0	48853.1
304	310	14:53:55	717	0.0	0.0	48794.8
304	312	14:54:02	718	0.0	0.0	48661.2
304	314	14:54:10	719	0.0	0.0	48625.4
304	316	14:54:17	720	0.0	0.0	48587.8
304	318	14:54:22	721	0.0	0.0	48583.0
304	320	14:54:30	722	0.0	0.0	48737.7
304	322	14:54:37	723	0.0	0.0	48841.2
304	324	14:54:45	724	0.0	0.0	48931.8
304	326	14:54:53	725	0.0	0.0	49002.9
304	328	14:55:00	726	0.0	0.0	49035.4
304	330	14:55:07	727	0.0	0.0	49011.8
304	332	14:55:15	728	0.0	0.0	48972.8
304	334	14:55:23	729	0.0	0.0	48957.3
304	336	14:55:30	730	0.0	0.0	48937.7
304	338	14:55:37	731	0.0	0.0	48955.1
304	340	14:55:44	732	0.0	0.0	48965.1
304	342	14:55:51	733	0.0	0.0	48993.2
304	344	14:55:59	734	0.0	0.0	48978.8
304	346	14:56:05	735	0.0	0.0	48970.3
304	348	14:56:12	736	0.0	0.0	48956.7
304	350	14:56:19	737	0.0	0.0	48760.6
304	352	14:56:27	738	0.0	0.0	48574.6
304	354	14:56:33	739	0.0	0.0	48536.1
304	356	14:56:41	740	0.0	0.0	48365.9
304	358	14:56:49	741	0.0	0.0	48044.3
304	360	14:56:55	742	0.0	0.0	48055.8
304	362	14:57:03	743	0.0	0.0	48438.8
304	364	14:57:11	744	0.0	0.0	48662.7
304	366	14:57:18	745	0.0	0.0	48810.8
304	368	14:57:25	746	0.0	0.0	48966.3
304	370	14:57:33	747	0.0	0.0	49064.5
304	372	14:57:40	748	0.0	0.0	49152.5
304	374	14:57:49	749	0.0	0.0	49168.2
304	376	14:57:57	750	0.0	0.0	49144.5
304	378	14:58:09	751	0.0	0.0	49094.4
304	380	14:58:17	752	0.0	0.0	49052.7
304	382	14:58:24	753	0.0	0.0	49024.4
304	384	14:58:31	754	0.0	0.0	49027.2
304	386	14:58:39	755	0.0	0.0	49029.7
305	388	14:58:27	756	0.0	0.0	49033.5
305	390	14:58:35	757	0.0	0.0	49056.5
305	392	14:58:41	758	0.0	0.0	49083.1
305	394	14:58:49	759	0.0	0.0	49099.7
305	396	14:58:56	760	0.0	0.0	49226.1
305	398	15:00:26	761	0.0	0.0	49373.4
305	399	15:00:28	762	0.0	0.0	49374.1

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
305	303	15:00:37	763	0.0	0.0	49372.5
305	303	15:00:46	764	0.0	0.0	49184.0
305	303	15:01:03	765	0.0	0.0	48843.5
305	303	15:01:11	766	0.0	0.0	48564.0
305	303	15:01:20	767	0.0	0.0	48335.0
305	303	15:01:26	768	0.0	0.0	48128.3
305	303	15:01:34	769	0.0	0.0	47716.1
305	303	15:01:41	770	0.0	0.0	47512.9
305	303	15:01:49	771	0.0	0.0	47687.4
305	303	15:01:56	772	0.0	0.0	47848.0
305	303	15:02:03	773	0.0	0.0	48133.5
305	303	15:02:12	774	0.0	0.0	48358.4
305	303	15:02:19	775	0.0	0.0	48627.4
305	303	15:02:32	776	0.0	0.0	48784.2
305	303	15:02:37	777	0.0	0.0	48857.6
305	303	15:02:48	778	0.0	0.0	48846.1
305	303	15:02:56	779	0.0	0.0	48877.1
305	303	15:03:05	780	0.0	0.0	48928.9
305	303	15:03:12	781	0.0	0.0	48998.4
305	303	15:03:19	782	0.0	0.0	48934.3
305	303	15:03:27	783	0.0	0.0	48841.8
305	303	15:03:38	784	0.0	0.0	48857.8
305	303	15:03:47	785	0.0	0.0	48838.3
305	304	15:03:55	786	0.0	0.0	48385.9
305	303	15:04:05	787	0.0	0.0	48871.0
305	303	15:04:13	788	0.0	0.0	48855.0
305	303	15:04:23	789	0.0	0.0	48452.0
305	303	15:04:31	790	0.0	0.0	48320.1
305	303	15:04:40	791	0.0	0.0	48198.8
305	303	15:04:48	792	0.0	0.0	48304.7
305	303	15:04:56	793	0.0	0.0	48270.0
305	303	15:05:04	794	0.0	0.0	48405.0
305	303	15:05:11	795	0.0	0.0	48597.4
305	303	15:05:18	796	0.0	0.0	48656.5
305	303	15:05:26	797	0.0	0.0	48835.7
305	303	15:05:33	798	0.0	0.0	48996.0
305	303	15:05:42	799	0.0	0.0	49358.7
305	303	15:05:49	800	0.0	0.0	49112.0
305	303	15:05:56	801	0.0	0.0	49163.0
305	303	15:06:03	802	0.0	0.0	49192.5
305	303	15:06:16	803	0.0	0.0	49300.0
305	303	15:06:23	804	0.0	0.0	49326.2
305	303	15:06:30	805	0.0	0.0	49212.5
305	303	15:06:37	806	0.0	0.0	49236.4
305	303	15:06:45	807	0.0	0.0	49308.5
305	303	15:06:52	808	0.0	0.0	49201.0
305	303	15:06:58	809	0.0	0.0	49227.0
305	303	15:07:06	810	0.0	0.0	49309.1
305	303	15:07:13	811	0.0	0.0	49321.5
305	303	15:07:20	812	0.0	0.0	49188.0
305	303	15:07:28	813	0.0	0.0	49126.0
305	303	15:07:35	814	0.0	0.0	49508.3

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
325	320	15:27:42	615	0.0	0.0	46725.7
325	302	15:07:49	616	0.0	0.0	49232.3
325	320	15:27:56	617	0.0	0.0	45509.7
325	302	15:08:12	618	0.0	0.0	38716.6
325	302	15:08:19	619	0.0	0.0	21124.4
325	320	15:08:35	620	0.0	0.0	46502.2
325	302	15:08:42	621	0.0	0.0	48939.6
325	302	15:08:52	622	0.0	0.0	49103.2
325	320	15:08:57	623	0.0	0.0	48276.8
325	302	15:09:04	624	0.0	0.0	49434.1
325	302	15:09:11	625	0.0	0.0	43261.7
325	302	15:09:17	626	0.0	0.0	49112.9
325	320	15:09:27	627	0.0	0.0	46874.1
325	320	15:09:34	628	0.0	0.0	48772.6
325	320	15:09:41	629	0.0	0.0	46583.0
325	320	15:09:48	630	0.0	0.0	48344.1
325	320	15:09:55	631	0.0	0.0	45365.0
325	320	15:10:02	632	0.0	0.0	48478.7
325	320	15:10:10	633	0.0	0.0	48032.5
325	302	15:10:25	634	0.0	0.0	48068.0
311	310	15:29:31	635	0.0	0.0	32535.5
311	310	15:29:39	636	0.0	0.0	46511.0
311	312	15:29:45	637	0.0	0.0	46028.1
311	310	15:29:52	638	0.0	0.0	45506.4
311	310	15:29:59	639	0.0	0.0	32893.5
311	310	15:30:05	640	0.0	0.0	49272.4
311	310	15:30:11	641	0.0	0.0	43547.4
311	310	15:30:19	642	0.0	0.0	45953.5
311	310	15:30:30	643	0.0	0.0	47242.3
311	310	15:30:38	644	0.0	0.0	47112.0
311	312	15:30:44	645	0.0	0.0	46553.0
311	310	15:30:51	646	0.0	0.0	47850.3
311	310	15:30:59	647	0.0	0.0	46726.6
311	310	15:31:06	648	0.0	0.0	47543.5
311	310	15:31:12	649	0.0	0.0	47654.1
311	310	15:31:19	650	0.0	0.0	47596.4
311	310	15:31:26	651	0.0	0.0	46578.4
311	310	15:31:33	652	0.0	0.0	47754.6
311	310	15:31:39	653	0.0	0.0	45453.5
311	310	15:31:46	654	0.0	0.0	46474.6
311	310	15:31:53	655	0.0	0.0	35526.5
311	310	15:32:00	656	0.0	0.0	35323.0
311	310	15:32:06	657	0.0	0.0	47637.5
311	310	15:32:13	658	0.0	0.0	47754.0
311	310	15:32:19	659	0.0	0.0	44902.0
311	310	15:32:26	660	0.0	0.0	46853.5
311	310	15:32:33	661	0.0	0.0	47477.9
311	310	15:32:39	662	0.0	0.0	47445.9
311	310	15:32:45	663	0.0	0.0	47132.6
311	310	15:32:51	664	0.3	0.0	47142.1
311	312	15:32:58	665	0.0	0.0	46775.5

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
311	310	15:33:04	866	0.0	0.0	47025.6
311	310	15:33:11	867	0.0	0.0	47214.5
311	310	15:33:17	868	0.0	0.0	47775.3
311	310	15:33:24	869	0.0	0.0	47722.3
311	310	15:33:31	870	0.0	0.0	47683.5
311	310	15:33:38	871	0.0	0.0	47326.6
311	310	15:33:45	872	0.0	0.0	47036.2
311	310	15:33:53	873	0.0	0.0	46497.4
311	310	15:34:02	874	0.0	0.0	46145.3
311	310	15:34:09	875	0.0	0.0	46494.0
311	310	15:34:15	876	0.0	0.0	46533.2
311	310	15:34:23	877	0.0	0.0	46493.6
311	310	15:34:29	878	0.0	0.0	46414.5
311	310	15:34:36	879	0.0	0.0	46435.6
311	310	15:34:43	880	0.0	0.0	46832.4
311	310	15:34:49	881	0.0	0.0	47096.0
311	310	15:34:57	882	0.0	0.0	46685.2
311	310	15:35:03	883	0.0	0.0	45619.9
311	310	15:35:17	884	0.0	0.0	18705.0
312	310	15:35:46	885	0.0	0.0	34495.9
312	310	15:35:57	886	0.0	0.0	46554.6
312	310	15:36:04	887	0.0	0.0	48332.2
312	310	15:36:12	888	0.0	0.0	49545.1
312	310	15:36:19	889	0.0	0.0	49255.3
312	310	15:36:25	890	0.0	0.0	47792.5
312	310	15:36:32	891	0.0	0.0	47688.3
312	310	15:36:40	892	0.0	0.0	48110.4
312	310	15:36:48	893	0.0	0.0	48105.7
312	310	15:36:56	894	0.0	0.0	48538.8
312	310	15:37:02	895	0.0	0.0	48985.5
312	310	15:37:08	896	0.0	0.0	49148.2
312	310	15:37:16	897	0.0	0.0	49091.6
312	310	15:37:23	898	0.0	0.0	49194.7
312	310	15:37:30	899	0.0	0.0	48389.3
312	310	15:37:36	900	0.0	0.0	49084.8
312	310	15:37:44	901	0.0	0.0	48349.2
312	310	15:37:51	902	0.0	0.0	48945.5
312	310	15:37:57	903	0.0	0.0	48722.7
312	310	15:38:04	904	0.0	0.0	48385.5
312	310	15:38:11	905	0.0	0.0	48249.5
312	310	15:38:18	906	0.0	0.0	48373.1
312	310	15:38:25	907	0.0	0.0	48467.5
312	310	15:38:32	908	0.0	0.0	48526.6
312	310	15:38:38	909	0.0	0.0	48393.6
312	310	15:38:46	910	0.0	0.0	48788.9
312	310	15:38:53	911	0.0	0.0	48806.1
312	310	15:39:00	912	0.0	0.0	48771.9
312	310	15:39:14	913	0.0	0.0	48433.1
312	310	15:39:21	914	0.0	0.0	48213.0
312	310	15:39:27	915	0.0	0.0	48281.4
312	310	15:39:35	916	0.0	0.0	48276.3

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
312	310	15:39:41	917	0.0	0.0	47872.5
312	310	15:39:48	918	0.0	0.0	48296.6
312	310	15:39:57	919	0.0	0.0	48029.4
312	310	15:40:05	920	0.0	0.0	47975.0
312	310	15:40:12	921	0.0	0.0	47760.5
312	310	15:40:23	922	0.0	0.0	47962.0
312	310	15:40:32	923	0.0	0.0	49081.0
312	310	15:40:39	924	0.0	0.0	48814.7
312	310	15:40:46	925	0.0	0.0	49281.0
312	310	15:40:53	926	0.0	0.0	49322.9
312	310	15:40:59	927	0.0	0.0	45318.7
312	310	15:41:06	928	0.0	0.0	46456.5
312	310	15:41:13	929	0.0	0.0	47941.5
312	310	15:41:20	930	0.0	0.0	47135.7
312	310	15:41:26	931	0.0	0.0	47575.5
312	310	15:41:33	932	0.0	0.0	47818.5
312	310	15:41:39	933	0.0	0.0	47606.8
312	310	15:41:47	934	0.0	0.0	37548.1
313	310	15:42:07	935	0.0	0.0	45822.4
313	310	15:42:14	936	0.0	0.0	47822.5
313	310	15:42:20	937	0.0	0.0	48328.3
313	310	15:42:27	938	0.0	0.0	48551.5
313	310	15:42:34	939	0.0	0.0	48709.5
313	310	15:42:41	940	0.0	0.0	48965.2
313	310	15:42:48	941	0.0	0.0	47894.2
313	310	15:42:56	942	0.0	0.0	47875.1
313	310	15:43:03	943	0.0	0.0	47557.1
313	310	15:43:10	944	0.0	0.0	49700.9
313	310	15:43:17	945	0.0	0.0	49007.4
313	310	15:43:24	946	0.0	0.0	48258.1
313	310	15:43:31	947	0.0	0.0	48013.3
313	310	15:43:38	948	0.0	0.0	48321.3
313	310	15:43:44	949	0.0	0.0	48547.9
313	310	15:43:52	950	0.0	0.0	48621.6
313	310	15:43:59	951	0.0	0.0	48825.7
313	310	15:44:06	952	0.0	0.0	48930.2
313	310	15:44:13	953	0.0	0.0	48933.1
313	310	15:44:20	954	0.0	0.0	49214.6
313	310	15:44:27	955	0.0	0.0	49283.2
313	310	15:44:34	956	0.0	0.0	49185.2
313	310	15:44:41	957	0.0	0.0	49393.1
313	310	15:44:48	958	0.0	0.0	49874.6
313	310	15:44:57	959	0.0	0.0	49143.5
313	310	15:45:04	960	0.0	0.0	49249.1
313	310	15:45:12	961	0.0	0.0	49289.0
313	310	15:45:19	962	0.0	0.0	49376.3
313	310	15:45:26	963	0.0	0.0	48859.1
313	310	15:45:33	964	0.0	0.0	48782.7
313	310	15:45:42	965	0.0	0.0	48758.6
313	310	15:45:49	966	0.0	0.0	49333.2
313	310	15:45:56	967	0.0	0.0	52194.4

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
313	310	15:46:03	968	0.0	0.0	50216.9
313	310	15:46:10	969	0.0	0.0	49824.1
313	310	15:46:17	970	0.0	0.0	49695.5
313	310	15:46:23	971	0.0	0.0	49796.0
313	310	15:46:30	972	0.0	0.0	49735.4
313	310	15:46:37	973	0.0	0.0	49755.6
313	310	15:46:44	974	0.0	0.0	49565.1
313	310	15:46:51	975	0.0	0.0	49531.5
313	310	15:46:58	976	0.0	0.0	49418.9
313	310	15:47:06	977	0.0	0.0	49341.5
313	310	15:47:13	978	0.0	0.0	49029.8
313	310	15:47:20	979	0.0	0.0	47485.1
313	310	15:47:27	980	0.0	0.0	49288.5
313	310	15:47:36	981	0.0	0.0	85968.8
313	310	15:47:43	982	0.0	0.0	49622.3
313	310	15:47:51	983	0.0	0.0	47299.2
313	310	15:47:58	984	0.0	0.0	29195.4

Appendix C Continued

Line#	Surv.#	Time	Reading#		Intensity(Gammas)	
331	330	10:45:43	0	0.0	0.0	48257.8
331	330	10:45:52	1	0.0	0.0	48138.0
331	330	10:46:26	2	0.0	0.0	25148.3
331	330	10:46:14	3	0.0	0.0	23062.2
331	330	10:46:23	4	0.0	0.0	23146.1
331	330	10:46:31	5	0.0	0.0	25556.1
331	330	10:46:44	6	0.0	0.0	25435.1
331	330	10:46:56	7	0.0	0.0	19264.2
331	330	10:47:02	8	0.0	0.0	21651.3
331	330	10:47:12	9	0.0	0.0	35130.6
331	330	10:47:20	10	0.0	0.0	46259.8
331	330	10:47:29	11	0.0	0.0	48142.1
332	330	10:47:47	12	0.0	0.0	48352.3
332	330	10:47:54	13	0.0	0.0	48058.4
332	330	10:48:02	14	0.0	0.0	47137.5
332	330	10:48:06	15	0.0	0.0	46113.4
332	330	10:48:13	16	0.0	0.0	46324.2
332	330	10:48:19	17	0.0	0.0	46611.0
332	330	10:48:26	18	0.0	0.0	47237.9
332	330	10:48:33	19	0.0	0.0	47155.5
332	330	10:48:40	20	0.0	0.0	46825.2
332	330	10:48:46	21	0.0	0.0	45368.0
332	330	10:48:53	22	0.0	0.0	45582.9
332	330	10:48:59	23	0.0	0.0	48731.9
333	330	10:49:14	24	0.0	0.0	48539.4
333	330	10:49:20	25	0.0	0.0	48150.5
333	330	10:49:26	26	0.0	0.0	47885.5
333	330	10:49:32	27	0.0	0.0	47312.3
333	330	10:49:39	28	0.0	0.0	48091.5
333	330	10:49:45	29	0.0	0.0	48197.6
333	330	10:49:52	30	0.0	0.0	48100.4
333	330	10:49:58	31	0.0	0.0	48257.6
333	330	10:50:04	32	0.0	0.0	48261.0
333	330	10:50:10	33	0.0	0.0	48240.1
333	330	10:50:17	34	0.0	0.0	48415.1
333	330	10:50:23	35	0.0	0.0	48632.7
334	330	10:50:42	36	0.0	0.0	48791.1
334	330	10:50:49	37	0.0	0.0	48498.9
334	330	10:50:56	38	0.0	0.0	48474.4
334	330	10:51:03	39	0.0	0.0	48618.5
334	330	10:51:10	40	0.0	0.0	48612.3
334	330	10:51:15	41	0.0	0.0	48454.5
334	330	10:51:23	42	0.0	0.0	48428.7
334	330	10:51:28	43	0.0	0.0	48261.0
334	330	10:51:35	44	0.0	0.0	47912.4
334	330	10:51:41	45	0.0	0.0	46839.9
334	330	10:51:47	46	0.0	0.0	46504.0
334	330	10:51:54	47	0.0	0.0	47763.7
335	330	10:52:08	48	0.0	0.0	47165.0
335	330	10:52:15	49	0.0	0.0	21875.1
335	330	10:52:22	50	0.0	0.0	21231.4
335	330	10:52:28	51	0.0	0.0	46576.8
335	330	10:52:34	52	0.0	0.0	48152.9
335	330	10:52:41	53	0.0	0.0	48490.3
335	330	10:52:48	54	0.0	0.0	48554.6
335	330	10:52:55	55	0.0	0.0	48813.7
335	330	10:53:02	56	0.0	0.0	49061.4
335	330	10:53:16	57	0.0	0.0	48795.0
335	330	10:53:23	58	0.0	0.0	48545.5
335	330	10:53:30	59	0.0	0.0	48564.3
336	330	10:53:49	60	0.0	0.0	48617.6
336	330	10:53:55				

336	330	10:54:10	63	0.0	0.0	49830.1
336	330	10:54:16	64	0.0	0.0	48567.3
336	330	10:54:23	65	0.0	0.0	48539.3
336	330	10:54:29	66	0.0	0.0	48352.5
336	330	10:54:36	67	0.0	0.0	47576.3
336	330	10:54:43	68	0.0	0.0	45734.4
336	330	10:54:49	69	0.0	0.0	26142.5
336	330	10:55:05	70	0.0	0.0	27989.7
336	330	10:55:12	71	0.0	0.0	46558.7
337	332	10:55:31	72	0.0	0.0	49038.9
337	330	10:55:40	73	0.0	0.0	50769.1
337	330	10:55:55	74	0.0	0.0	24341.3
337	330	10:56:04	75	0.0	0.0	45760.6
337	330	10:56:11	76	0.0	0.0	47206.9
337	330	10:56:24	77	0.0	0.0	49162.1
337	330	10:56:33	78	0.0	0.0	49371.3
337	330	10:56:40	79	0.0	0.0	48482.9
337	330	10:56:47	80	0.0	0.0	48568.9
337	330	10:56:55	81	0.0	0.0	48526.5
337	330	10:57:07	82	0.0	0.0	48432.6
337	330	10:57:19	83	0.0	0.0	48416.0
338	330	10:57:36	84	0.0	0.0	47767.8
338	330	10:57:43	85	0.0	0.0	47885.0
338	330	10:57:49	86	0.0	0.0	48322.9
338	330	10:57:56	87	0.0	0.0	48149.8
338	330	10:58:02	88	0.0	0.0	43220.4
338	330	10:58:09	89	0.0	0.0	47926.5
338	330	10:58:16	90	0.0	0.0	47637.9
338	330	10:58:22	91	0.0	0.0	47137.9
338	330	10:58:29	92	0.0	0.0	45503.1
338	330	10:58:36	93	0.0	0.0	29015.6
338	330	10:58:59	94	0.0	0.0	34162.5
338	330	10:59:14	95	0.0	0.0	24488.5
339	332	10:59:32	96	0.0	0.0	32584.9
339	330	10:59:40	97	0.0	0.0	19311.9
339	330	11:00:01	98	0.0	0.0	24920.9
339	330	11:00:08	99	0.0	0.0	22446.3
339	330	11:00:14	100	0.0	0.0	45623.3
339	330	11:00:22	101	0.0	0.0	45587.6
339	330	11:00:29	102	0.0	0.0	45877.9
339	330	11:00:38	103	0.0	0.0	47038.4
339	330	11:00:45	104	0.0	0.0	47327.6
339	330	11:00:52	105	0.0	0.0	47256.1
339	332	11:01:00	106	0.0	0.0	46247.6
339	330	11:01:07	107	0.0	0.0	46240.2
330	330	11:01:29	108	0.0	0.0	31489.5
330	330	11:01:36	109	0.0	0.0	26743.2
330	330	11:01:43	110	0.0	0.0	33213.1
330	330	11:01:49	111	0.0	0.0	45665.4
330	330	11:01:56	112	0.0	0.0	48571.8
330	330	11:02:01	113	0.0	0.0	49806.1
330	330	11:02:09	114	0.0	0.0	45539.9
330	330	11:02:16	115	0.0	0.0	39073.2
330	330	11:02:23	116	0.0	0.0	45924.5
330	330	11:02:33	117	0.0	0.0	20686.9
330	330	11:02:55	118	0.0	0.0	23703.5
330	330	11:03:03	119	0.0	0.0	46516.2
341	340	11:13:05	120	0.0	0.0	48609.4
341	340	11:13:13	121	0.0	0.0	49779.5
341	340	11:13:20	122	0.0	0.0	49769.9
341	340	11:13:26	123	0.0	0.0	48747.7
341	340	11:13:33	124	0.0	0.0	48572.1
341	340	11:13:40	125	0.0	0.0	48471.1
341	340	11:13:46	126	0.0	0.0	49329.9
341	340	11:13:53	127			

341	340	11:14:14	129	0.0	0.0	46426.1
341	340	11:14:19	130	0.0	0.0	45155.0
341	340	11:14:26	131	0.0	0.0	43746.3
341	340	11:14:33	132	0.0	0.0	42352.4
341	340	11:14:40	133	0.0	0.0	40784.7
342	340	11:15:03	134	0.0	0.0	32853.7
342	340	11:15:10	135	0.0	0.0	29959.6
342	340	11:15:17	136	0.0	0.0	45619.6
342	340	11:15:24	137	0.0	0.0	44424.2
342	340	11:15:32	138	0.0	0.0	46407.9
342	340	11:15:40	139	0.0	0.0	47020.4
342	340	11:15:47	140	0.0	0.0	47570.5
342	340	11:15:54	141	0.0	0.0	48100.4
342	340	11:16:01	142	0.0	0.0	48479.2
342	340	11:16:09	143	0.0	0.0	48680.6
342	340	11:16:16	144	0.0	0.0	48770.2
342	340	11:16:23	145	0.0	0.0	49501.2
342	340	11:16:31	146	0.0	0.0	48699.5
343	340	11:16:43	147	0.0	0.0	48712.4
343	340	11:16:52	148	0.0	0.0	48761.6
343	340	11:16:57	149	0.0	0.0	48772.9
343	340	11:17:05	150	0.0	0.0	48641.1
343	340	11:17:19	151	0.0	0.0	48290.1
343	340	11:17:25	152	0.0	0.0	47894.1
343	340	11:17:31	153	0.0	0.0	47274.2
343	340	11:17:38	154	0.0	0.0	46372.6
343	340	11:17:46	155	0.0	0.0	45271.1
343	340	11:17:53	156	0.0	0.0	43335.8
343	340	11:18:02	157	0.0	0.0	19632.6
344	340	11:18:18	158	0.0	0.0	30357.9
344	340	11:18:28	159	0.0	0.0	30494.1
344	340	11:18:35	160	0.0	0.0	41164.7
344	340	11:18:43	161	0.0	0.0	45905.4
344	340	11:18:50	162	0.0	0.0	46922.4
344	340	11:18:57	163	0.0	0.0	47880.7
344	340	11:19:03	164	0.0	0.0	48411.3
344	340	11:19:09	165	0.0	0.0	48585.7
344	340	11:19:22	166	0.0	0.0	48761.3
344	340	11:19:30	167	0.0	0.0	48767.4
345	340	11:19:45	168	0.0	0.0	48675.1
345	340	11:19:55	169	0.0	0.0	48666.2
345	340	11:20:04	170	0.0	0.0	48489.5
345	340	11:20:10	171	0.0	0.0	48217.7
345	340	11:20:18	172	0.0	0.0	47541.5
345	340	11:20:25	173	0.0	0.0	46105.9
345	340	11:20:33	174	0.0	0.0	24837.7
345	340	11:20:42	175	0.0	0.0	25056.4
345	340	11:20:58	176	0.0	0.0	19892.3
346	340	11:21:12	177	0.0	0.0	23499.3
346	340	11:21:20	178	0.0	0.0	45495.1
346	340	11:21:28	179	0.0	0.0	47494.0
346	340	11:21:36	180	0.0	0.0	48286.5
346	340	11:21:42	181	0.0	0.0	48488.8
346	340	11:21:50	182	0.0	0.0	48522.5
347	340	11:22:04	183	0.0	0.0	48315.1
347	340	11:22:12	184	0.0	0.0	48022.9
347	340	11:22:21	185	0.0	0.0	47745.9
347	340	11:22:29	186	0.0	0.0	45672.0
348	340	11:22:58	187	0.0	0.0	49770.2
348	340	11:23:07	188	0.0	0.0	45597.2
348	340	11:23:15	189	0.0	0.0	47482.3
349	340	11:23:33	190	0.0	0.0	45677.5
351	350	11:38:13	191	0.0	0.0	28653.8
351	350	11:38:21	192	0.0	0.0	45328.9

351	350	11:38:54	185	0.0	0.0	48815.6
351	350	11:39:01	186	0.0	0.0	49873.7
351	350	11:39:07	187	0.0	0.0	48925.3
351	350	11:39:14	188	0.0	0.0	48941.4
351	350	11:39:20	189	0.0	0.0	48233.9
351	350	11:39:28	200	0.0	0.0	46954.9
352	350	11:39:45	201	0.0	0.0	30215.2
352	350	11:39:51	202	0.0	0.0	45971.2
352	350	11:39:58	203	0.0	0.0	48190.0
352	350	11:40:04	204	0.0	0.0	48668.6
352	350	11:40:11	205	0.0	0.0	48856.0
352	350	11:40:22	206	0.0	0.0	48841.5
352	350	11:40:31	207	0.0	0.0	48835.6
352	350	11:40:37	208	0.0	0.0	43807.6
352	350	11:40:43	209	0.0	0.0	43292.5
352	350	11:40:50	210	0.0	0.0	46872.4
353	350	11:41:04	211	0.0	0.0	26391.9
353	350	11:41:11	212	0.0	0.0	31274.9
353	350	11:41:19	213	0.0	0.0	47468.2
353	350	11:41:26	214	0.0	0.0	48358.9
353	350	11:41:34	215	0.0	0.0	48781.5
353	350	11:41:42	216	0.0	0.0	48889.3
353	350	11:41:49	217	0.0	0.0	48775.4
353	350	11:41:55	218	0.0	0.0	48519.4
353	350	11:42:01	219	0.0	0.0	48218.9
353	350	11:42:08	220	0.0	0.0	47751.5
354	350	11:42:21	221	0.0	0.0	45681.2
354	350	11:42:30	222	0.0	0.0	45501.5
354	350	11:42:36	223	0.0	0.0	46981.1
354	350	11:42:41	224	0.0	0.0	47935.0
354	350	11:42:48	225	0.0	0.0	48277.8
354	350	11:42:55	226	0.0	0.0	48799.5
354	350	11:43:02	227	0.0	0.0	48704.7
354	350	11:43:09	228	0.0	0.0	49407.5
354	350	11:43:15	229	0.0	0.0	48370.0
354	350	11:43:22	230	0.0	0.0	47689.1
354	350	11:43:29	231	0.0	0.0	46271.5
355	350	11:43:49	232	0.0	0.0	22085.2
355	350	11:43:59	233	0.0	0.0	27962.4
355	350	11:44:07	234	0.0	0.0	44525.2
355	350	11:44:15	235	0.0	0.0	46793.2
355	350	11:44:22	236	0.0	0.0	47577.2
355	350	11:44:32	237	0.0	0.0	47857.6
355	350	11:44:39	238	0.0	0.0	48419.2
355	350	11:44:45	239	0.0	0.0	48462.9
355	350	11:44:51	240	0.0	0.0	47532.2
355	350	11:44:57	241	0.0	0.0	46587.3
356	350	11:45:13	242	0.0	0.0	45552.2
356	350	11:45:24	243	0.0	0.0	45566.9
356	350	11:45:30	244	0.0	0.0	45371.0
356	350	11:45:38	245	0.0	0.0	47181.3
356	350	11:45:45	246	0.0	0.0	47851.9
356	350	11:45:52	247	0.0	0.0	47587.5
356	350	11:45:58	248	0.0	0.0	46846.6
356	350	11:46:04	249	0.0	0.0	46041.9
357	350	11:46:23	250	0.0	0.0	29930.8
357	350	11:46:30	251	0.0	0.0	43217.5
357	350	11:46:37	252	0.0	0.0	47239.9
357	350	11:46:43	253	0.0	0.0	45594.8
357	350	11:46:50	254	0.0	0.0	44991.5
357	350	11:46:59	255	0.0	0.0	46984.4
358	350	11:47:34	256	0.0	0.0	45204.5
359	350	11:47:41	257	0.0	0.0	45727.6
360	350	11:47:54	258	0.0	0.0	45162.5
			259	0.0		

361	360	11:52:19	252	0.0	0.0	23415.2
361	360	11:52:29	253	0.0	0.0	47828.5
361	360	11:52:35	254	0.0	0.0	48499.5
361	360	11:52:42	255	0.0	0.0	48779.3
361	360	11:52:51	256	0.0	0.0	48847.4
361	360	11:53:02	257	0.0	0.0	48851.1
361	360	11:53:09	258	0.0	0.0	48757.1
361	360	11:53:16	259	0.0	0.0	48611.2
361	360	11:53:22	270	0.0	0.0	48463.7
361	360	11:53:29	271	0.0	0.0	48182.3
361	360	11:53:35	272	0.0	0.0	47767.4
361	360	11:53:42	273	0.0	0.0	47115.0
361	360	11:53:48	274	0.0	0.0	46445.4
361	360	11:53:57	275	0.0	0.0	45425.5
361	360	11:54:04	276	0.0	0.0	43839.3
361	360	11:54:10	277	0.0	0.0	39328.4
362	360	11:54:29	278	0.0	0.0	43733.8
362	360	11:54:36	279	0.0	0.0	52841.5
362	360	11:54:43	280	0.0	0.0	46832.3
362	360	11:54:50	281	0.0	0.0	47242.7
362	360	11:55:41	282	0.0	0.0	47784.6
362	360	11:55:49	283	0.0	0.0	49373.7
362	360	11:55:55	284	0.0	0.0	49574.3
362	360	11:56:02	285	0.0	0.0	48672.8
362	360	11:56:09	286	0.0	0.0	48933.5
362	360	11:56:16	287	0.0	0.0	48887.1
362	360	11:56:24	288	0.0	0.0	48854.1
362	360	11:56:32	289	0.0	0.0	48797.7
362	360	11:56:40	290	0.0	0.0	48454.3
362	360	11:56:50	291	0.0	0.0	30432.0
363	360	11:57:03	292	0.0	0.0	29706.1
363	360	11:57:16	293	0.0	0.0	47971.7
363	360	11:57:41	294	0.0	0.0	48733.8
363	360	11:57:47	295	0.0	0.0	48856.1
363	360	11:57:54	296	0.0	0.0	48951.9
363	360	11:58:01	297	0.0	0.0	48840.2
363	360	11:58:11	298	0.0	0.0	48802.6
363	360	11:58:19	299	0.0	0.0	48822.8
363	360	11:58:27	300	0.0	0.0	43525.4
363	360	11:58:35	301	0.0	0.0	47864.0
363	360	11:58:42	302	0.0	0.0	47054.2
363	360	11:58:49	303	0.0	0.0	24138.6
363	360	11:58:56	304	0.0	0.0	44512.2
364	360	11:59:13	305	0.0	0.0	45475.6
364	360	11:59:19	306	0.0	0.0	45691.2
364	360	11:59:26	307	0.0	0.0	47913.3
364	360	11:59:35	308	0.0	0.0	47532.2
364	360	11:59:43	309	0.0	0.0	48478.2
364	360	11:59:50	310	0.0	0.0	49673.9
364	360	11:59:56	311	0.0	0.0	48840.5
364	360	12:00:03	312	0.0	0.0	48962.9
364	360	12:00:10	313	0.0	0.0	48854.9
364	360	12:00:16	314	0.0	0.0	48720.6
364	360	12:00:22	315	0.0	0.0	48238.6
364	360	12:00:29	316	0.0	0.0	41568.2
365	360	12:00:58	317	0.0	0.0	45423.0
365	360	12:03:19	318	0.0	0.0	48054.9
365	360	12:03:26	319	0.0	0.0	48646.5
365	360	12:03:33	320	0.0	0.0	48862.1
365	360	12:03:40	321	0.0	0.0	48980.5
365	360	12:03:47	322	0.0	0.0	49027.8
365	360	12:03:55	323	0.0	0.0	48715.5
365	360	12:04:01	324	0.0	0.0	48364.6
365	360	12:04:08	325	0.0	0.0	47720.1

366	360	12:04:43	328	0.0	0.0	48874.1
366	360	12:04:56	329	0.0	0.0	48798.9
366	360	12:05:06	330	0.0	0.0	48491.5
366	360	12:05:12	331	0.0	0.0	47871.5
366	360	12:05:20	332	0.0	0.0	48153.0
366	360	12:05:27	333	0.0	0.0	48695.3
366	360	12:05:33	334	0.0	0.0	48857.7
366	360	12:05:40	335	0.0	0.0	48515.7
366	360	12:05:54	336	0.0	0.0	49812.4
366	360	12:06:02	337	0.0	0.0	49578.3
366	360	12:06:10	338	0.0	0.0	48235.6
11	10	16:08:54	339	0.0	0.0	45432.3
11	10	16:09:02	340	0.0	0.0	49567.0
11	10	16:09:09	341	0.0	0.0	52995.6
11	10	16:09:15	342	0.0	0.0	52208.4
11	10	16:09:22	343	0.0	0.0	52654.0
11	10	16:09:29	344	0.0	0.0	48224.7
11	10	16:09:35	345	0.0	0.0	46592.9
11	10	16:09:43	346	0.0	0.0	46576.4
11	10	16:09:50	347	0.0	0.0	47819.3
11	10	16:09:53	348	0.0	0.0	47731.4
11	10	16:10:09	349	0.0	0.0	48102.7
12	10	16:10:30	350	0.0	0.0	49281.4
12	10	16:10:39	351	0.0	0.0	49385.1
12	10	16:10:46	352	0.0	0.0	49674.7
12	10	16:10:52	353	0.0	0.0	48451.6
12	10	16:10:59	354	0.0	0.0	48036.1
12	10	16:11:05	355	0.0	0.0	47662.4
12	10	16:11:11	356	0.0	0.0	47324.7
12	10	16:11:17	357	0.0	0.0	47952.8
12	10	16:11:24	358	0.0	0.0	48367.8
12	10	16:11:30	359	0.0	0.0	51089.7
12	10	16:11:36	360	0.0	0.0	50831.9
13	10	16:11:57	361	0.0	0.0	49509.4
13	10	16:12:04	362	0.0	0.0	49223.8
13	10	16:12:10	363	0.0	0.0	49312.3
13	10	16:12:17	364	0.0	0.0	49328.3
13	10	16:12:23	365	0.0	0.0	48752.7
13	10	16:12:30	366	0.0	0.0	47978.3
13	10	16:12:36	367	0.0	0.0	47542.4
13	10	16:12:42	368	0.0	0.0	48098.7
13	10	16:12:50	369	0.0	0.0	48520.5
13	10	16:12:57	370	0.0	0.0	48837.6
13	10	16:13:06	371	0.0	0.0	49333.5
14	10	16:13:22	372	0.0	0.0	49744.0
14	10	16:13:29	373	0.0	0.0	49239.0
14	10	16:13:34	374	0.0	0.0	48913.9
14	10	16:13:40	375	0.0	0.0	48540.0
14	10	16:13:46	376	0.0	0.0	48257.5
14	10	16:13:53	377	0.0	0.0	48174.0
14	10	16:14:00	378	0.0	0.0	47931.0
14	10	16:14:06	379	0.0	0.0	47870.7
14	10	16:14:13	380	0.0	0.0	48455.4
14	10	16:14:19	381	0.0	0.0	48748.5
15	10	16:14:37	382	0.0	0.0	48864.2
15	10	16:14:44	383	0.0	0.0	48662.1
15	10	16:14:54	384	0.0	0.0	48569.6
15	10	16:15:01	385	0.0	0.0	48112.6
15	10	16:15:07	386	0.0	0.0	47421.1
15	10	16:15:14	387	0.0	0.0	47668.6
15	10	16:15:20	388	0.0	0.0	48087.9
15	10	16:15:27	389	0.0	0.0	48233.9
15	10	16:15:34	390	0.0	0.0	48125.1
16	10	16:15:50	391	0.0	0.0	48390.7

16	10	16:16:11	394	0.0	0.0	49516.7
16	10	16:16:18	395	0.0	0.0	45533.7
16	10	16:16:25	396	0.0	0.0	39817.2
16	10	16:16:31	397	0.0	0.0	47999.4
16	10	16:16:37	398	0.0	0.0	48464.6
16	10	16:16:44	399	0.0	0.0	48753.7
17	10	16:16:56	400	0.0	0.0	49832.7
17	10	16:17:05	401	0.0	0.0	48163.1
17	10	16:17:13	402	0.0	0.0	48032.0
17	10	16:17:20	403	0.0	0.0	37427.3
17	10	16:17:28	404	0.0	0.0	36855.9
17	10	16:17:35	405	0.0	0.0	50693.6
17	10	16:17:43	406	0.0	0.0	48340.4
17	10	16:17:51	407	0.0	0.0	45971.6
18	10	16:18:06	408	0.0	0.0	47378.2
18	10	16:18:13	409	0.0	0.0	47981.0
18	10	16:18:19	410	0.0	0.0	48164.1
18	10	16:18:25	411	0.0	0.0	45691.1
18	10	16:18:32	412	0.0	0.0	46547.1
18	10	16:18:39	413	0.0	0.0	48017.3
18	10	16:18:46	414	0.0	0.0	49616.4
19	10	16:19:03	415	0.0	0.0	46909.8
19	10	16:19:10	416	0.0	0.0	30511.4
19	10	16:19:16	417	0.0	0.0	46451.2
19	10	16:19:23	418	0.0	0.0	47677.1
21	20	16:22:22	419	0.0	0.0	49436.7
21	20	16:22:29	420	0.0	0.0	50342.8
21	20	16:22:35	421	0.0	0.0	46428.1
21	20	16:22:41	422	0.0	0.0	46169.5
21	20	16:22:47	423	0.0	0.0	46307.0
21	20	16:22:54	424	0.0	0.0	45433.5
21	20	16:23:00	425	0.0	0.0	45202.9
21	20	16:23:06	426	0.0	0.0	44455.6
21	20	16:23:14	427	0.0	0.0	46398.1
21	20	16:23:25	428	0.0	0.0	47855.8
21	20	16:23:32	429	0.0	0.0	48969.5
21	20	16:23:38	430	0.0	0.0	49188.8
21	20	16:23:45	431	0.0	0.0	49256.4
21	20	16:23:51	432	0.0	0.0	49249.4
22	20	16:24:09	433	0.0	0.0	48576.5
22	20	16:24:15	434	0.0	0.0	49352.4
22	20	16:24:22	435	0.0	0.0	48920.4
22	20	16:24:27	436	0.0	0.0	49813.2
22	20	16:24:34	437	0.0	0.0	48583.1
22	20	16:24:41	438	0.0	0.0	47571.0
22	20	16:24:47	439	0.0	0.0	35671.4
22	20	16:24:54	440	0.0	0.0	45440.0
22	20	16:25:28	441	0.0	0.0	45695.6
22	20	16:25:43	442	0.0	0.0	45648.7
22	20	16:25:52	443	0.0	0.0	45946.1
22	20	16:25:58	444	0.0	0.0	49268.0
23	20	16:29:10	445	0.0	0.0	47592.6
23	20	16:29:16	446	0.0	0.0	29829.1
23	20	16:29:50	447	0.0	0.0	45568.5
23	20	16:29:57	448	0.0	0.0	46882.8
23	20	16:30:04	449	0.0	0.0	48199.7
23	20	16:30:11	450	0.0	0.0	48597.1
23	20	16:30:18	451	0.0	0.0	48707.2
23	20	16:30:24	452	0.0	0.0	48856.5
23	20	16:30:31	453	0.0	0.0	48551.5
23	20	16:30:38	454	0.0	0.0	48332.8
23	20	16:30:44	455	0.0	0.0	48484.3
24	20	16:31:20	456	0.0	0.0	48122.3

24	20	16:31:20	459	0.0	0.0	48136.3
24	20	16:31:27	460	0.0	0.0	48557.4
24	20	16:31:34	461	0.0	0.0	48476.3
24	20	16:31:40	462	0.0	0.0	48404.6
24	20	16:31:48	463	0.0	0.0	48076.0
24	20	16:31:56	464	0.0	0.0	47572.1
24	20	16:32:05	465	0.0	0.0	47902.7
25	20	16:32:27	466	0.0	0.0	45548.9
25	20	16:32:35	467	0.0	0.0	46581.0
25	20	16:32:47	468	0.0	0.0	47858.3
25	20	16:32:53	469	0.0	0.0	48324.0
25	20	16:33:00	470	0.0	0.0	48281.3
25	20	16:33:05	471	0.0	0.0	48031.6
25	20	16:33:11	472	0.0	0.0	47827.9
25	20	16:33:19	473	0.0	0.0	36781.1
25	20	16:33:25	474	0.0	0.0	35232.4
25	20	16:33:31	475	0.0	0.0	46508.7
25	20	16:33:54	476	0.0	0.0	21486.5
26	20	16:34:01	477	0.0	0.0	46383.2
26	20	16:34:06	478	0.0	0.0	47313.1
26	20	16:34:13	479	0.0	0.0	47781.3
26	20	16:34:19	480	0.0	0.0	48275.7
26	20	16:34:25	481	0.0	0.0	32162.7
27	20	16:34:41	482	0.0	0.0	35086.8
27	20	16:34:49	483	0.0	0.0	47357.8
27	20	16:34:56	484	0.0	0.0	46384.5
27	20	16:35:03	485	0.0	0.0	44732.7
27	20	16:35:10	486	0.0	0.0	27771.7
28	20	16:35:24	487	0.0	0.0	33712.4
28	20	16:35:45	488	0.0	0.0	37145.2
2	20	16:36:01	489	0.0	0.0	38398.3

Line#	Surv.#	Time	Reading#	Intensity(Gammas)
31	28	9:55:15	0	0.0 48503.8
31	30	9:55:45	1	0.0 48653.2
31	30	9:56:32	2	0.0 47937.5
31	30	9:56:38	3	0.0 47923.0
31	30	9:56:44	4	0.0 47853.5
31	30	9:56:50	5	0.0 48969.4
31	30	9:56:57	6	0.0 48577.7
31	30	9:59:03	7	0.0 48513.8
31	30	9:59:09	8	0.0 48741.8
31	30	9:59:16	9	0.0 48327.4
31	30	9:59:23	10	0.0 48465.1
31	30	9:59:30	11	0.0 48356.4
31	30	9:59:35	12	0.0 48513.6
31	30	9:59:50	13	0.0 46447.6
31	30	9:59:57	14	0.0 48702.2
31	30	10:00:05	15	0.0 48547.4
31	30	10:00:12	16	0.0 47539.5
31	30	10:00:19	17	0.0 48672.5
31	30	10:00:25	18	0.0 47545.4
31	30	10:00:33	19	0.0 47941.1
31	30	10:00:41	20	0.0 48462.4
32	30	10:00:56	21	0.0 44742.5
32	30	10:01:26	22	0.0 48598.2
32	30	10:01:12	23	0.0 47734.5
32	30	10:01:20	24	0.0 47526.0
32	30	10:01:26	25	0.0 47152.2
32	30	10:01:35	26	0.0 38183.5
32	30	10:01:46	27	0.0 47543.1
32	30	10:01:54	28	0.0 48483.3
32	30	10:02:01	29	0.0 46585.0
32	30	10:02:09	30	0.0 45732.6
32	30	10:02:17	31	0.0 48203.6
32	30	10:02:24	32	0.0 48439.4
32	30	10:02:31	33	0.0 48082.5
32	30	10:02:37	34	0.0 48994.8
32	30	10:02:44	35	0.0 48815.6
32	30	10:02:50	36	0.0 48472.0
32	30	10:02:59	37	0.0 48044.0
32	30	10:03:08	38	0.0 48215.6
32	30	10:03:15	39	0.0 49145.2
32	30	10:03:22	40	0.0 48295.7
32	30	10:03:29	41	0.0 47116.1
33	30	10:03:45	42	0.0 45657.2
33	30	10:02:53	43	0.0 47826.8
33	30	10:03:59	44	0.0 48968.2
33	30	10:04:05	45	0.0 48755.4
33	30	10:04:11	46	0.0 48915.6
33	30	10:04:18	47	0.0 48073.6
33	30	10:04:24	48	0.0 49207.7
33	30	10:04:30	49	0.0 49389.3
33	30	10:04:39	50	0.0 49146.5
33	30	10:04:46	51	0.0 48836.7
33	30	10:04:55	52	0.0 48662.2
33	30	10:05:15	53	0.0 49567.3

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
33	30	10:05:27	54	0.0	0.0	49452.0
33	30	10:05:35	55	0.0	0.0	48778.8
33	30	10:05:46	56	0.0	0.0	45600.7
33	30	10:05:53	57	0.0	0.0	32355.6
33	30	10:06:13	58	0.0	0.0	30488.1
33	30	10:06:23	59	0.0	0.0	36259.1
33	30	10:06:30	60	0.0	0.0	47379.9
33	30	10:06:39	61	0.0	0.0	48104.6
33	30	10:06:55	62	0.0	0.0	43632.4
34	30	10:07:10	63	0.0	0.0	47154.4
34	30	10:07:21	64	0.0	0.0	47535.1
34	30	10:07:30	65	0.0	0.0	47300.8
34	30	10:07:37	66	0.0	0.0	45749.5
34	30	10:07:48	67	0.0	0.0	36634.7
34	30	10:08:24	68	0.0	0.0	33047.1
34	30	10:08:36	69	0.0	0.0	48627.6
34	30	10:09:26	70	0.0	0.0	48949.0
34	30	10:09:32	71	0.0	0.0	49041.6
34	30	10:09:39	72	0.0	0.0	49362.6
34	30	10:09:51	73	0.0	0.0	48923.9
34	30	10:09:59	74	0.0	0.0	48468.6
34	30	10:10:05	75	0.0	0.0	48531.9
34	30	10:10:12	76	0.0	0.0	48792.9
34	30	10:10:18	77	0.0	0.0	48894.4
34	30	10:10:25	78	0.0	0.0	48872.1
34	30	10:10:31	79	0.0	0.0	48801.2
34	30	10:10:38	80	0.0	0.0	48703.7
34	30	10:10:44	81	0.0	0.0	48491.7
34	30	10:10:50	82	0.0	0.0	48137.1
34	30	10:10:57	83	0.0	0.0	45579.6
35	30	10:11:14	84	0.0	0.0	46414.4
35	30	10:11:21	85	0.0	0.0	47797.1
35	30	10:11:29	86	0.0	0.0	48194.1
35	30	10:11:36	87	0.0	0.0	48357.4
35	30	10:11:42	88	0.0	0.0	48269.4
35	30	10:11:49	89	0.0	0.0	48345.8
35	30	10:11:56	90	0.0	0.0	48658.3
35	30	10:12:03	91	0.0	0.0	48413.7
35	30	10:12:10	92	0.0	0.0	45240.1
35	30	10:12:17	93	0.0	0.0	47741.5
35	30	10:12:24	94	0.0	0.0	48302.4
35	30	10:12:31	95	0.0	0.0	48798.1
35	30	10:12:38	96	0.0	0.0	48887.8
35	30	10:12:44	97	0.0	0.0	48682.4
35	30	10:12:51	98	0.0	0.0	48894.5
35	30	10:13:04	99	0.0	0.0	28524.4
35	30	10:13:16	100	0.0	0.0	40838.2
35	30	10:13:29	101	0.0	0.0	46825.1
35	30	10:13:46	102	0.0	0.0	30612.3
35	30	10:13:54	103	0.0	0.0	46773.5
35	30	10:14:01	104	0.0	0.0	46754.7
35	30	10:14:09	105	0.0	0.0	28811.9
36	30	10:14:28	106	0.0	0.0	29054.6
36	30	10:14:35	107	0.0	0.0	41015.1

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
36	30	10:14:42	108	0.0	0.0	47137.9
36	30	10:14:49	109	0.0	0.0	47783.5
36	30	10:15:08	110	0.0	0.0	46415.3
36	30	10:15:14	111	0.0	0.0	52113.7
36	30	10:15:22	112	0.0	0.0	35200.9
36	30	10:15:29	113	0.0	0.0	48890.5
36	30	10:15:36	114	0.0	0.0	48337.5
36	30	10:15:42	115	0.0	0.0	48750.3
36	30	10:15:49	116	0.0	0.0	49726.0
36	30	10:15:56	117	0.0	0.0	45702.5
36	30	10:16:06	118	0.0	0.0	26053.5
36	30	10:16:14	119	0.0	0.0	28722.3
36	30	10:16:20	120	0.0	0.0	47953.6
36	30	10:16:27	121	0.0	0.0	48392.4
36	30	10:16:39	122	0.0	0.0	49097.4
36	30	10:16:44	123	0.0	0.0	31534.7
36	30	10:16:51	124	0.0	0.0	50116.7
36	30	10:16:59	125	0.0	0.0	48750.1
36	30	10:17:05	126	0.0	0.0	35440.7
36	30	10:17:12	127	0.0	0.0	32623.6
37	30	10:17:31	128	0.0	0.0	47998.6
37	30	10:17:37	129	0.0	0.0	48727.2
37	30	10:17:44	130	0.0	0.0	49133.8
37	30	10:17:52	131	0.0	0.0	49235.4
37	30	10:18:00	132	0.0	0.0	49622.9
37	30	10:18:08	133	0.0	0.0	49029.2
37	30	10:18:16	134	0.0	0.0	48345.6
37	30	10:18:23	135	0.0	0.0	47131.8
37	30	10:18:55	136	0.0	0.0	46412.3
37	30	10:19:02	137	0.0	0.0	48323.0
37	30	10:19:10	138	0.0	0.0	48706.5
37	30	10:19:18	139	0.0	0.0	48814.3
37	30	10:19:30	140	0.0	0.0	48953.7
37	30	10:19:37	141	0.0	0.0	48145.2
37	30	10:19:43	142	0.0	0.0	48756.1
37	30	10:19:55	143	0.0	0.0	48891.5
37	30	10:20:01	144	0.0	0.0	47923.2
37	30	10:20:07	145	0.0	0.0	46648.7
38	30	10:20:21	146	0.0	0.0	47290.6
38	30	10:20:28	147	0.0	0.0	47921.9
38	30	10:20:35	148	0.0	0.0	48386.3
38	30	10:20:42	149	0.0	0.0	48693.3
38	30	10:20:49	150	0.0	0.0	48875.4
38	30	10:20:56	151	0.0	0.0	48921.0
38	30	10:21:03	152	0.0	0.0	48955.5
38	30	10:21:10	153	0.0	0.0	48755.6
38	30	10:21:17	154	0.0	0.0	48287.2
38	30	10:21:24	155	0.0	0.0	36615.8
38	30	10:21:34	156	0.0	0.0	33925.8
38	30	10:21:40	157	0.0	0.0	48547.1
38	30	10:21:47	158	0.0	0.0	48671.5
38	30	10:21:54	159	0.0	0.0	48897.9
38	30	10:22:01	160	0.0	0.0	48525.7
38	30	10:22:07	161	0.0	0.0	48310.7
38	30	10:22:13	162	0.0	0.0	48742.5
38	30	10:22:21	163	0.0	0.0	48461.6
41	40	10:32:41	164	0.0	0.0	47299.0

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
36	30	10:14:42	108	0.0	0.0	47157.9
36	30	10:14:49	109	0.0	0.0	47769.5
36	30	10:15:08	110	0.0	0.0	45419.3
36	30	10:15:14	111	0.0	0.0	52113.7
36	30	10:15:22	112	0.0	0.0	35000.9
36	30	10:15:29	113	0.0	0.0	48890.5
36	30	10:15:36	114	0.0	0.0	48897.5
36	30	10:15:42	115	0.0	0.0	48790.3
36	30	10:15:49	116	0.0	0.0	48726.0
36	30	10:15:56	117	0.0	0.0	45702.5
36	30	10:16:06	118	0.0	0.0	26053.5
36	30	10:16:14	119	0.0	0.0	28722.3
36	30	10:16:20	120	0.0	0.0	47953.6
36	30	10:16:27	121	0.0	0.0	48352.4
36	30	10:16:39	122	0.0	0.0	49097.4
36	30	10:16:44	123	0.0	0.0	31534.7
36	30	10:16:51	124	0.0	0.0	50116.7
36	30	10:16:59	125	0.0	0.0	49750.1
36	30	10:17:05	126	0.0	0.0	35440.7
36	30	10:17:12	127	0.0	0.0	32623.6
37	30	10:17:31	128	0.0	0.0	47989.6
37	30	10:17:37	129	0.0	0.0	48727.2
37	30	10:17:44	130	0.0	0.0	49133.8
37	30	10:17:52	131	0.0	0.0	49235.4
37	30	10:18:00	132	0.0	0.0	49622.9
37	30	10:18:08	133	0.0	0.0	49029.2
37	30	10:18:16	134	0.0	0.0	48345.6
37	30	10:18:23	135	0.0	0.0	47131.8
37	30	10:18:55	136	0.0	0.0	46412.3
37	30	10:19:02	137	0.0	0.0	48383.0
37	30	10:19:10	138	0.0	0.0	48706.5
37	30	10:19:18	139	0.0	0.0	49814.2
37	30	10:19:30	140	0.0	0.0	48953.7
37	30	10:19:37	141	0.0	0.0	49145.2
37	30	10:19:43	142	0.0	0.0	48796.1
37	30	10:19:55	143	0.0	0.0	48891.5
37	30	10:20:01	144	0.0	0.0	47923.2
37	30	10:20:07	145	0.0	0.0	46648.7
38	30	10:20:21	146	0.0	0.0	47090.6
38	30	10:20:28	147	0.0	0.0	47921.9
38	30	10:20:35	148	0.0	0.0	48396.3
38	30	10:20:42	149	0.0	0.0	48693.3
38	30	10:20:49	150	0.0	0.0	48975.4
38	30	10:20:56	151	0.0	0.0	48921.0
38	30	10:21:03	152	0.0	0.0	48955.5
38	30	10:21:10	153	0.0	0.0	48755.8
38	30	10:21:17	154	0.0	0.0	48287.2
38	30	10:21:24	155	0.0	0.0	36615.8
38	30	10:21:34	156	0.0	0.0	33925.8
38	30	10:21:40	157	0.0	0.0	48547.1
38	30	10:21:47	158	0.0	0.0	48671.5
38	30	10:21:54	159	0.0	0.0	48897.8
38	30	10:22:01	160	0.0	0.0	49525.7
38	30	10:22:07	161	0.0	0.0	48910.7
38	30	10:22:13	162	0.0	0.0	49742.5
38	30	10:22:21	163	0.0	0.0	48467.5
41	40	10:32:41	164	0.0	0.0	47388.8
41	40	10:32:48	165	0.0	0.0	45771.9

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
41	40	10:33:15	168	0.0	0.0	15839.4
41	40	10:33:23	169	0.0	0.0	33079.1
42	40	10:33:30	170	0.0	0.0	19521.3
42	40	10:33:45	171	0.0	0.0	39088.5
42	40	10:33:52	172	0.0	0.0	25930.7
42	40	10:33:59	173	0.0	0.0	45028.0
42	40	10:34:07	174	0.0	0.0	47101.9
42	40	10:34:16	175	0.0	0.0	34560.2
43	40	10:34:45	176	0.0	0.0	47797.2
43	40	10:34:52	177	0.0	0.0	47477.4
43	40	10:34:59	178	0.0	0.0	47759.5
43	40	10:35:07	179	0.0	0.0	48771.3
43	40	10:35:14	180	0.0	0.0	47707.9
43	40	10:35:21	181	0.0	0.0	46495.1
44	40	10:35:52	182	0.0	0.0	46453.4
44	40	10:35:59	183	0.0	0.0	47451.1
44	40	10:36:05	184	0.0	0.0	47698.1
44	40	10:36:14	185	0.0	0.0	47400.1
44	40	10:36:20	186	0.0	0.0	47466.6
44	40	10:36:26	187	0.0	0.0	47720.0
45	40	10:36:38	188	0.0	0.0	47749.9
45	40	10:36:45	189	0.0	0.0	46501.4
45	40	10:36:52	190	0.0	0.0	45076.4
45	40	10:36:58	191	0.0	0.0	46198.4
45	40	10:37:05	192	0.0	0.0	46609.0
45	40	10:37:12	193	0.0	0.0	46408.5
46	40	10:37:25	194	0.0	0.0	46145.4
46	40	10:37:39	195	0.0	0.0	31027.5
46	40	10:37:42	196	0.0	0.0	25552.8
46	40	10:37:49	197	0.0	0.0	29219.1
46	40	10:37:57	198	0.0	0.0	29712.2
46	40	10:38:07	199	0.0	0.0	21149.3
51	50	10:40:02	200	0.0	0.0	24720.1
51	50	10:40:09	201	0.0	0.0	45763.7
51	50	10:40:18	202	0.0	0.0	32431.1
51	50	10:40:26	203	0.0	0.0	27032.0
52	50	10:40:41	204	0.0	0.0	45524.3
52	50	10:40:49	205	0.0	0.0	47094.3
52	50	10:40:56	206	0.0	0.0	47072.8
52	50	10:41:03	207	0.0	0.0	46385.5
52	50	10:41:10	208	0.0	0.0	45513.9
61	60	10:44:12	209	0.0	0.0	46460.0
61	60	10:44:20	210	0.0	0.0	47157.9
61	60	10:44:28	211	0.0	0.0	45716.6
61	60	10:44:36	212	0.0	0.0	45197.3
61	60	10:44:44	213	0.0	0.0	46088.8
61	60	10:44:51	214	0.0	0.0	45551.5
61	60	10:45:01	215	0.0	0.0	45857.2
61	60	10:45:11	216	0.0	0.0	46461.0
61	60	10:45:18	217	0.0	0.0	46487.1
61	60	10:45:26	218	0.0	0.0	41930.5
61	60	10:45:34	219	0.0	0.0	45680.7
61	60	10:45:41	220	0.0	0.0	46534.2
61	60	10:45:48	221	0.0	0.0	47646.3
61	60	10:45:55	222	0.0	0.0	48033.0
62	60	10:46:08	223	0.0	0.0	45643.2
62	60	10:46:16	224	0.0	0.0	43390.5

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
62	60	10:46:22	225	0.0	0.0	49164.7
62	60	10:46:29	226	0.0	0.0	46656.0
62	60	10:46:40	227	0.0	0.0	36056.2
62	60	10:46:46	228	0.0	0.0	46451.3
62	60	10:46:54	229	0.0	0.0	45574.3
62	60	10:47:00	230	0.0	0.0	45116.0
62	60	10:47:07	231	0.0	0.0	38054.2
62	60	10:47:13	232	0.0	0.0	46145.8
62	60	10:47:20	233	0.0	0.0	35148.7
62	60	10:47:28	234	0.0	0.0	38288.3
62	60	10:47:35	235	0.0	0.0	47425.3
62	60	10:47:42	236	0.0	0.0	46464.7
71	70	10:54:33	237	0.0	0.0	47917.4
71	70	10:54:44	238	0.0	0.0	45365.2
71	70	10:54:52	239	0.0	0.0	39320.4
71	70	10:54:58	240	0.0	0.0	26638.4
71	70	10:55:05	241	0.0	0.0	21281.2
72	70	10:55:18	242	0.0	0.0	45758.7
72	70	10:55:25	243	0.0	0.0	45095.3
72	70	10:55:31	244	0.0	0.0	46502.7
72	70	10:55:39	245	0.0	0.0	45984.6
72	70	10:55:44	246	0.0	0.0	35993.2
81	80	10:58:59	247	0.0	0.0	42068.3
81	80	10:59:06	248	0.0	0.0	46105.2
81	80	10:59:12	249	0.0	0.0	46085.6
81	80	10:59:19	250	0.0	0.0	45030.2
81	80	10:59:25	251	0.0	0.0	46135.8
81	80	10:59:31	252	0.0	0.0	45882.6
81	80	10:59:37	253	0.0	0.0	45725.5
81	80	10:59:44	254	0.0	0.0	45121.7
81	80	10:59:51	255	0.0	0.0	45171.5
81	80	10:59:58	256	0.0	0.0	45071.5
81	80	11:00:04	257	0.0	0.0	45583.9
81	80	11:00:12	258	0.0	0.0	46527.7
81	80	11:00:19	259	0.0	0.0	46055.4
81	80	11:00:27	260	0.0	0.0	46458.1
81	80	11:00:34	261	0.0	0.0	46326.4
81	80	11:00:41	262	0.0	0.0	46477.9
81	80	11:00:47	263	0.0	0.0	44716.3
81	80	11:00:54	264	0.0	0.0	45668.5
91	90	11:06:48	265	0.0	0.0	47146.9
91	90	11:06:54	266	0.0	0.0	46853.7
91	90	11:07:00	267	0.0	0.0	45856.0
91	90	11:07:07	268	0.0	0.0	46345.4
91	90	11:07:14	269	0.0	0.0	47622.1
91	90	11:07:20	270	0.0	0.0	35194.6
91	90	11:07:26	271	0.0	0.0	29972.3
91	90	11:07:33	272	0.0	0.0	19464.7
91	90	11:07:40	273	0.0	0.0	19579.0
91	90	11:07:46	274	0.0	0.0	46722.7
91	90	11:07:53	275	0.0	0.0	45431.7
91	90	11:07:59	276	0.0	0.0	42614.1
91	90	11:08:06	277	0.0	0.0	47678.7
91	90	11:08:12	278	0.0	0.0	48094.4
92	90	11:08:36	279	0.0	0.0	48123.0
92	90	11:08:43	280	0.0	0.0	45605.0
92	90	11:08:49	281	0.0	0.0	45627.0

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
92	90	11:08:56	282	0.0	0.0	47811.0
92	90	11:09:02	283	0.0	0.0	47574.0
92	90	11:09:08	284	0.0	0.0	48435.8
92	90	11:09:15	285	0.0	0.0	46291.3
92	90	11:09:21	286	0.0	0.0	46425.3
92	90	11:09:28	287	0.0	0.0	47669.8
92	90	11:09:35	288	0.0	0.0	47666.3
92	90	11:09:41	289	0.0	0.0	47253.2
93	90	11:09:56	290	0.0	0.0	38994.6
93	90	11:10:03	291	0.0	0.0	47818.5
93	90	11:10:10	292	0.0	0.0	48273.4
93	90	11:10:24	293	0.0	0.0	48514.3
93	90	11:10:30	294	0.0	0.0	48228.8
93	90	11:11:31	295	0.0	0.0	48394.2
93	90	11:11:38	296	0.0	0.0	48361.9
93	90	11:11:45	297	0.0	0.0	47602.9
93	90	11:11:53	298	0.0	0.0	47163.3
93	90	11:11:59	299	0.0	0.0	47000.7
93	90	11:12:05	300	0.0	0.0	48335.2
94	90	11:12:17	301	0.0	0.0	48572.3
94	90	11:12:27	302	0.0	0.0	48972.8
94	90	11:12:37	303	0.0	0.0	43601.6
94	90	11:12:47	304	0.0	0.0	48233.7
94	90	11:12:55	305	0.0	0.0	48284.8
94	90	11:13:04	306	0.0	0.0	47976.5
94	90	11:13:21	307	0.0	0.0	49390.9
94	90	11:13:29	308	0.0	0.0	49345.1
94	90	11:13:34	309	0.0	0.0	48631.7
94	90	11:13:45	310	0.0	0.0	47336.5
94	90	11:13:51	311	0.0	0.0	45796.3
95	90	11:14:06	312	0.0	0.0	38422.6
95	90	11:14:13	313	0.0	0.0	46803.6
95	90	11:14:21	314	0.0	0.0	47785.0
95	90	11:14:26	315	0.0	0.0	49879.6
95	90	11:14:32	316	0.0	0.0	33852.5
95	90	11:14:41	317	0.0	0.0	48000.4
95	90	11:14:51	318	0.0	0.0	49055.5
95	90	11:14:58	319	0.0	0.0	45574.0
95	90	11:15:04	320	0.0	0.0	48155.9
95	90	11:15:10	321	0.0	0.0	48262.7
95	90	11:15:16	322	0.0	0.0	48312.6
96	90	11:15:36	323	0.0	0.0	49155.2
96	90	11:15:44	324	0.0	0.0	48513.6
96	90	11:15:52	325	0.0	0.0	48103.6
96	90	11:16:00	326	0.0	0.0	48630.1
96	90	11:16:07	327	0.0	0.0	48992.1
96	90	11:16:15	328	0.0	0.0	48781.8
96	90	11:16:21	329	0.0	0.0	48439.5
96	90	11:16:28	330	0.0	0.0	48297.6
96	90	11:16:34	331	0.0	0.0	46713.8
97	90	11:18:13	332	0.0	0.0	48597.7
97	90	11:18:31	333	0.0	0.0	48557.3
98	90	11:18:49	334	0.0	0.0	47330.7
98	90	11:18:59	335	0.0	0.0	33592.9
401	4	12:47:26	336	0.0	0.0	48332.3

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
401	4	12:47:35	337	0.0	0.0	48229.9
401	4	12:47:46	338	0.0	0.0	48438.8
401	4	12:47:57	339	0.0	0.0	48621.7
401	4	12:48:05	340	0.0	0.0	48694.0
401	4	12:48:18	341	0.0	0.0	48681.1
401	4	12:48:25	342	0.0	0.0	48684.5
401	4	12:48:32	343	0.0	0.0	48738.4
401	4	12:48:39	344	0.0	0.0	48594.9
401	4	12:48:46	345	0.0	0.0	47991.5
401	4	12:48:55	346	0.0	0.0	47280.4
401	4	12:49:02	347	0.0	0.0	46250.6
401	4	12:49:09	348	0.0	0.0	39029.1
401	4	12:49:15	349	0.0	0.0	46447.3
402	4	12:49:51	350	0.0	0.0	35172.3
402	4	12:50:00	351	0.0	0.0	44785.0
402	4	12:50:06	352	0.0	0.0	46646.5
402	4	12:50:13	353	0.0	0.0	47245.0
402	4	12:50:20	354	0.0	0.0	48191.4
402	4	12:50:26	355	0.0	0.0	48693.2
402	4	12:50:32	356	0.0	0.0	48883.2
402	4	12:50:41	357	0.0	0.0	48749.7
402	4	12:50:48	358	0.0	0.0	48791.2
402	4	12:51:00	359	0.0	0.0	48719.4
402	4	12:51:07	360	0.0	0.0	48153.2
402	4	12:51:13	361	0.0	0.0	47757.0
402	4	12:51:20	362	0.0	0.0	47947.4
403	4	12:51:36	363	0.0	0.0	48306.9
403	4	12:51:51	364	0.0	0.0	48221.3
403	4	12:51:58	365	0.0	0.0	48265.2
403	4	12:52:05	366	0.0	0.0	48134.4
403	4	12:52:13	367	0.0	0.0	49079.5
403	4	12:52:21	368	0.0	0.0	48619.4
403	4	12:52:29	369	0.0	0.0	48686.2
403	4	12:52:35	370	0.0	0.0	48164.9
403	4	12:52:43	371	0.0	0.0	47596.7
403	4	12:52:51	372	0.0	0.0	47115.9
403	4	12:52:57	373	0.0	0.0	46519.7
403	4	12:53:05	374	0.0	0.0	45853.2
403	4	12:53:12	375	0.0	0.0	33696.0
404	4	12:53:38	376	0.0	0.0	22299.3
404	4	12:53:49	377	0.0	0.0	44598.3
404	4	12:53:58	378	0.0	0.0	46067.0
404	4	12:54:04	379	0.0	0.0	46248.0
404	4	12:54:10	380	0.0	0.0	45627.3
404	4	12:54:16	381	0.0	0.0	46721.9
404	4	12:54:22	382	0.0	0.0	47842.4
404	4	12:54:29	383	0.0	0.0	48295.5
404	4	12:54:35	384	0.0	0.0	48847.8
404	4	12:54:42	385	0.0	0.0	49338.6
404	4	12:54:49	386	0.0	0.0	48947.1
404	4	12:54:58	387	0.0	0.0	48584.8
404	4	12:55:06	388	0.0	0.0	48525.9
405	4	12:55:22	389	0.0	0.0	48363.8
405	4	12:55:33	390	0.0	0.0	48566.0
405	4	12:55:40	391	0.0	0.0	48677.1

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
405	4	12:55:46	392	0.0	0.0	49032.5
405	4	12:55:54	393	0.0	0.0	33008.1
405	4	12:56:01	394	0.0	0.0	31756.3
405	4	12:56:07	395	0.0	0.0	46895.7
405	4	12:56:13	396	0.0	0.0	46239.1
405	4	12:56:20	397	0.0	0.0	33382.7
405	4	12:56:27	398	0.0	0.0	45200.3
405	4	12:56:36	399	0.0	0.0	45541.1
405	4	12:56:42	400	0.0	0.0	34726.7
405	4	12:56:49	401	0.0	0.0	32476.2
406	4	12:57:02	402	0.0	0.0	19464.9
406	4	12:57:09	403	0.0	0.0	37991.6
406	4	12:57:15	404	0.0	0.0	45639.9
406	4	12:57:25	405	0.0	0.0	45680.6
406	4	12:57:33	406	0.0	0.0	46299.7
406	4	12:57:40	407	0.0	0.0	46047.5
406	4	12:57:46	408	0.0	0.0	45550.7
406	4	12:57:57	409	0.0	0.0	39136.9
406	4	12:58:03	410	0.0	0.0	47751.5
406	4	12:58:11	411	0.0	0.0	48272.8
407	4	12:58:28	412	0.0	0.0	47837.0
407	4	12:58:34	413	0.0	0.0	47219.7
407	4	12:58:41	414	0.0	0.0	28545.5
407	4	12:58:55	415	0.0	0.0	39021.3
407	4	12:59:06	416	0.0	0.0	27683.7
407	4	12:59:17	417	0.0	0.0	45853.0
407	4	12:59:23	418	0.0	0.0	29854.3
407	4	12:59:36	419	0.0	0.0	32482.1
407	4	12:59:44	420	0.0	0.0	19486.4
408	4	13:00:07	421	0.0	0.0	28554.0
408	4	13:00:39	422	0.0	0.0	30747.1
408	4	13:00:46	423	0.0	0.0	36690.2
408	4	13:01:00	424	0.0	0.0	32038.4
408	4	13:01:07	425	0.0	0.0	46520.2
408	4	13:01:14	426	0.0	0.0	46959.9
409	4	13:01:42	427	0.0	0.0	32206.8
409	4	13:01:51	428	0.0	0.0	35717.8
409	4	13:01:59	429	0.0	0.0	25887.8
409	4	13:02:07	430	0.0	0.0	41238.5
409	4	13:02:13	431	0.0	0.0	44132.6
409	4	13:02:25	432	0.0	0.0	19455.3
409	4	13:02:51	433	0.0	0.0	25835.2
409	4	13:02:59	434	0.0	0.0	26183.7
409	4	13:03:06	435	0.0	0.0	43707.6
409	4	13:03:15	436	0.0	0.0	37988.1
409	4	13:03:24	437	0.0	0.0	40238.3
409	4	13:03:39	438	0.0	0.0	34748.2
410	14	13:12:43	439	0.0	0.0	48646.1
410	14	13:12:51	440	0.0	0.0	49208.1
410	14	13:12:59	441	0.0	0.0	49287.2
410	14	13:13:05	442	0.0	0.0	49088.9
410	14	13:13:12	443	0.0	0.0	49002.9
410	14	13:13:19	444	0.0	0.0	49102.5
410	14	13:13:34	445	0.0	0.0	48667.0

	Line#	Surv.#	Time	Reading#			Intensity(Gammas)
410	14		13:13:42	446	0.0	0.0	49295.0
410	14		13:13:49	447	0.0	0.0	49589.1
410	14		13:13:56	448	0.0	0.0	49380.2
410	14		13:14:04	449	0.0	0.0	49762.8
410	14		13:14:11	450	0.0	0.0	49538.6
410	14		13:14:19	451	0.0	0.0	49715.6
410	14		13:14:26	452	0.0	0.0	48944.8
410	14		13:14:34	453	0.0	0.0	48668.4
410	14		13:14:43	454	0.0	0.0	46488.0
412	14		13:16:53	455	0.0	0.0	32516.1
412	14		13:16:59	456	0.0	0.0	48257.6
412	14		13:17:05	457	0.0	0.0	49767.9
412	14		13:17:12	458	0.0	0.0	49805.7
412	14		13:17:19	459	0.0	0.0	49474.1
412	14		13:17:26	460	0.0	0.0	49463.1
412	14		13:17:33	461	0.0	0.0	49606.8
412	14		13:17:40	462	0.0	0.0	49553.6
412	14		13:17:47	463	0.0	0.0	49346.4
412	14		13:17:54	464	0.0	0.0	49119.0
412	14		13:18:01	465	0.0	0.0	49066.3
412	14		13:18:08	466	0.0	0.0	48894.2
412	14		13:18:15	467	0.0	0.0	49951.9
412	14		13:18:22	468	0.0	0.0	49850.5
412	14		13:18:29	469	0.0	0.0	49992.9
412	14		13:18:36	470	0.0	0.0	48523.3
412	14		13:18:51	471	0.0	0.0	48655.3
413	14		13:18:58	472	0.0	0.0	48567.5
413	14		13:19:05	473	0.0	0.0	49794.3
413	14		13:19:12	474	0.0	0.0	49349.9
413	14		13:19:19	475	0.0	0.0	49995.6
413	14		13:19:25	476	0.0	0.0	49947.9
413	14		13:19:35	477	0.0	0.0	49122.0
413	14		13:19:42	478	0.0	0.0	49194.4
413	14		13:19:50	479	0.0	0.0	49236.3
413	14		13:19:57	480	0.0	0.0	49261.9
413	14		13:20:04	481	0.0	0.0	49217.8
413	14		13:20:10	482	0.0	0.0	49224.9
413	14		13:20:17	483	0.0	0.0	49274.8
413	14		13:20:24	484	0.0	0.0	49153.3
413	14		13:20:30	485	0.0	0.0	48723.7
413	14		13:20:37	486	0.0	0.0	48169.3
414	14		13:21:05	487	0.0	0.0	47876.8
414	14		13:21:12	488	0.0	0.0	49721.3
414	14		13:21:19	489	0.0	0.0	48711.0
414	14		13:21:26	490	0.0	0.0	48922.5
414	14		13:21:33	491	0.0	0.0	45824.0
414	14		13:21:41	492	0.0	0.0	49209.0
414	14		13:21:48	493	0.0	0.0	49483.0
414	14		13:21:55	494	0.0	0.0	47497.3
414	14		13:22:01	495	0.0	0.0	49021.5
414	14		13:22:09	496	0.0	0.0	48572.2
414	14		13:22:16	497	0.0	0.0	48919.3
414	14		13:22:23	498	0.0	0.0	49389.2
414	14		13:22:30	499	0.0	0.0	48753.4
414	14		13:22:37	500	0.0	0.0	49415.9
414	14		13:22:44	501	0.0	0.0	48486.0
414	14		13:22:50	502	0.0	0.0	48562.2

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
415	14	13:23:06	503	0.0	0.0	48437.0
415	14	13:23:13	504	0.0	0.0	48459.5
415	14	13:23:20	505	0.0	0.0	48057.7
415	14	13:23:27	506	0.0	0.0	48486.1
415	14	13:23:34	507	0.0	0.0	48361.1
415	14	13:23:41	508	0.0	0.0	48549.7
415	14	13:23:49	509	0.0	0.0	48771.3
415	14	13:23:58	510	0.0	0.0	48649.3
415	14	13:24:05	511	0.0	0.0	48647.5
415	14	13:24:12	512	0.0	0.0	48719.6
415	14	13:24:18	513	0.0	0.0	48725.8
415	14	13:24:24	514	0.0	0.0	48750.1
415	14	13:24:31	515	0.0	0.0	48309.0
415	14	13:24:38	516	0.0	0.0	46462.2
415	14	13:24:45	517	0.0	0.0	47905.9
415	14	13:24:51	518	0.0	0.0	48046.5
416	14	13:25:12	519	0.0	0.0	46432.0
416	14	13:25:22	520	0.0	0.0	49885.1
416	14	13:25:31	521	0.0	0.0	25549.8
416	14	13:25:38	522	0.0	0.0	45339.7
416	14	13:25:44	523	0.0	0.0	48681.1
416	14	13:25:53	524	0.0	0.0	48875.9
416	14	13:26:01	525	0.0	0.0	48024.9
416	14	13:26:08	526	0.0	0.0	48273.7
416	14	13:26:19	527	0.0	0.0	48663.7
416	14	13:26:28	528	0.0	0.0	49065.5
416	14	13:26:36	529	0.0	0.0	49268.7
416	14	13:26:44	530	0.0	0.0	48778.2
416	14	13:26:51	531	0.0	0.0	48462.1
416	14	13:26:59	532	0.0	0.0	49498.6
416	14	13:27:07	533	0.0	0.0	48526.1
421	24	13:46:07	534	0.0	0.0	45448.7
421	24	13:46:14	535	0.0	0.0	46464.5
421	24	13:46:19	536	0.0	0.0	45157.7
421	24	13:46:26	537	0.0	0.0	46445.3
421	24	13:46:33	538	0.0	0.0	46464.9
421	24	13:46:39	539	0.0	0.0	46459.4
422	24	13:46:51	540	0.0	0.0	39516.9
422	24	13:46:58	541	0.0	0.0	32018.9
422	24	13:47:05	542	0.0	0.0	40266.4
422	24	13:47:12	543	0.0	0.0	48787.1
422	24	13:47:19	544	0.0	0.0	47934.6
422	24	13:47:26	545	0.0	0.0	48586.0
423	24	13:47:37	546	0.0	0.0	47231.3
423	24	13:47:44	547	0.0	0.0	47934.8
423	24	13:47:51	548	0.0	0.0	48031.8
423	24	13:47:58	549	0.0	0.0	47863.9
423	24	13:48:04	550	0.0	0.0	47907.4
424	24	13:48:16	551	0.0	0.0	45617.6
424	24	13:48:23	552	0.0	0.0	38501.2
424	24	13:48:29	553	0.0	0.0	48559.2
424	24	13:48:36	554	0.0	0.0	45343.6

	Line#	Surv.#	Time	Reading#			Intensity(Gammas)
	424	24	13:48:44	555	0.0	0.0	47858.6
	425	24	13:49:02	556	0.0	0.0	47390.3
	425	24	13:49:12	557	0.0	0.0	47999.9
	425	24	13:49:19	558	0.0	0.0	32354.4
	426	24	13:49:26	559	0.0	0.0	34725.1
	426	24	13:49:49	560	0.0	0.0	45507.9
	426	24	13:50:11	561	0.0	0.0	44958.1
	426	24	13:50:21	562	0.0	0.0	44432.8
	427	24	13:50:36	563	0.0	0.0	37935.7
	427	24	13:50:43	564	0.0	0.0	19444.8
	427	24	13:50:51	565	0.0	0.0	13464.8
	427	24	13:51:01	566	0.0	0.0	43492.1
	427	24	13:51:08	567	0.0	0.0	47714.3
	427	24	13:51:14	568	0.0	0.0	48202.5
	427	24	13:51:20	569	0.0	0.0	48226.4
	427	24	13:51:27	570	0.0	0.0	48631.4
	427	24	13:51:33	571	0.0	0.0	48973.3
	427	24	13:51:40	572	0.0	0.0	49095.1
	427	24	13:51:48	573	0.0	0.0	49036.6
	427	24	13:51:55	574	0.0	0.0	48895.3
	427	24	13:52:02	575	0.0	0.0	48761.3
	427	24	13:52:09	576	0.0	0.0	48705.8
	427	24	13:52:16	577	0.0	0.0	49147.3
	427	24	13:52:22	578	0.0	0.0	48762.2
	427	24	13:52:30	579	0.0	0.0	48887.5
	427	24	13:52:37	580	0.0	0.0	49389.5
	427	24	13:52:43	581	0.0	0.0	49465.7
	427	24	13:52:50	582	0.0	0.0	48947.1
	427	24	13:52:57	583	0.0	0.0	48512.8
	427	24	13:53:04	584	0.0	0.0	48902.0
	427	24	13:53:11	585	0.0	0.0	48929.5
	427	24	13:53:19	586	0.0	0.0	49051.3
	427	24	13:53:25	587	0.0	0.0	49017.1
	427	24	13:53:32	588	0.0	0.0	48969.4
	427	24	13:53:38	589	0.0	0.0	48766.7
	427	24	13:53:45	590	0.0	0.0	49793.1
	427	24	13:53:52	591	0.0	0.0	48545.1
	427	24	13:54:00	592	0.0	0.0	48176.9
	427	24	13:54:08	593	0.0	0.0	47640.7
	427	24	13:54:15	594	0.0	0.0	47133.4
	427	24	13:54:22	595	0.0	0.0	52164.4
	427	24	13:54:29	596	0.0	0.0	45560.6
	427	24	13:54:36	597	0.0	0.0	45516.1
	428	24	13:54:57	598	0.0	0.0	32127.7
	428	24	13:55:04	599	0.0	0.0	47930.5
	428	24	13:55:11	600	0.0	0.0	47608.9
	428	24	13:55:19	601	0.0	0.0	47575.8
	428	24	13:55:26	602	0.0	0.0	47790.2
	428	24	13:55:33	603	0.0	0.0	48193.7
	428	24	13:55:41	604	0.0	0.0	48528.6
	428	24	13:55:48	605	0.0	0.0	48676.7
	428	24	13:55:54	606	0.0	0.0	48726.5
	428	24	13:56:01	607	0.0	0.0	48885.3
	428	24	13:56:08	608	0.0	0.0	49102.8
	428	24	13:56:15	609	0.0	0.0	49240.6
	428	24	13:56:22	610	0.0	0.0	49258.5

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
428	24	13:56:29	611	0.0	0.0	48822.8
428	24	13:56:36	612	0.0	0.0	48842.7
428	24	13:56:43	613	0.0	0.0	49119.5
428	24	13:56:50	614	0.0	0.0	49117.0
428	24	13:56:56	615	0.0	0.0	49006.1
428	24	13:57:03	616	0.0	0.0	49135.3
428	24	13:57:10	617	0.0	0.0	49041.3
428	24	13:57:17	618	0.0	0.0	48842.7
428	24	13:57:31	619	0.0	0.0	48615.9
428	24	13:57:40	620	0.0	0.0	48806.0
428	24	13:57:47	621	0.0	0.0	48561.0
428	24	13:57:54	622	0.0	0.0	48243.9
428	24	13:58:01	623	0.0	0.0	48537.3
428	24	13:58:07	624	0.0	0.0	48752.3
428	24	13:58:15	625	0.0	0.0	48731.3
428	24	13:58:21	626	0.0	0.0	48713.2
428	24	13:58:28	627	0.0	0.0	48329.0
428	24	13:58:34	628	0.0	0.0	47906.4
428	24	13:58:41	629	0.0	0.0	48055.4
428	24	13:58:48	630	0.0	0.0	47569.3
428	24	13:58:54	631	0.0	0.0	26639.5
428	24	13:59:04	632	0.0	0.0	32518.6
429	24	13:59:17	633	0.0	0.0	43655.9
429	24	13:59:24	634	0.0	0.0	46913.3
429	24	13:59:32	635	0.0	0.0	48505.9
429	24	13:59:38	636	0.0	0.0	45398.5
429	24	13:59:47	637	0.0	0.0	31122.2
429	24	13:59:55	638	0.0	0.0	48487.7
429	24	14:00:03	639	0.0	0.0	48629.1
429	24	14:00:10	640	0.0	0.0	48646.1
429	24	14:00:17	641	0.0	0.0	48737.3
429	24	14:00:24	642	0.0	0.0	48301.1
429	24	14:00:48	643	0.0	0.0	48830.1
429	24	14:00:58	644	0.0	0.0	48872.2
429	24	14:01:05	645	0.0	0.0	48735.6
429	24	14:01:12	646	0.0	0.0	48945.2
429	24	14:01:19	647	0.0	0.0	48746.4
429	24	14:01:25	648	0.0	0.0	48963.9
429	24	14:01:31	649	0.0	0.0	49084.5
429	24	14:01:42	650	0.0	0.0	49067.8
429	24	14:01:49	651	0.0	0.0	49026.9
429	24	14:01:58	652	0.0	0.0	49157.0
429	24	14:02:05	653	0.0	0.0	49142.5
429	24	14:02:12	654	0.0	0.0	49110.3
429	24	14:02:19	655	0.0	0.0	49073.7
429	24	14:02:26	656	0.0	0.0	49209.5
429	24	14:02:35	657	0.0	0.0	49031.4
429	24	14:02:41	658	0.0	0.0	49021.5
429	24	14:02:49	659	0.0	0.0	48909.9
429	24	14:02:56	660	0.0	0.0	49654.9
429	24	14:03:03	661	0.0	0.0	48734.5
429	24	14:03:09	662	0.0	0.0	49622.2
429	24	14:03:16	663	0.0	0.0	49385.3
429	24	14:03:24	664	0.0	0.0	49300.0
429	24	14:03:32	665	0.0	0.0	48537.0
429	24	14:03:40	666	0.0	0.0	48817.0
429	24	14:03:46	667	0.0	0.0	48931.5

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
429	34	14:03:58	668	0.0	0.0	49147.1
431	34	14:04:37	669	0.0	0.0	49387.3
431	34	14:04:44	670	0.0	0.0	48962.1
431	34	14:04:51	671	0.0	0.0	48766.0
431	34	14:04:59	672	0.0	0.0	48851.4
431	34	14:05:06	673	0.0	0.0	48935.0
431	34	14:05:12	674	0.0	0.0	48867.1
431	34	14:05:19	675	0.0	0.0	49093.8
431	34	14:05:26	676	0.0	0.0	49036.5
431	34	14:05:36	677	0.0	0.0	49158.1
431	34	14:05:43	678	0.0	0.0	49037.5
431	34	14:05:49	679	0.0	0.0	49240.8
431	34	14:05:56	680	0.0	0.0	49218.5
431	34	14:06:03	681	0.0	0.0	49288.0
431	34	14:06:10	682	0.0	0.0	49341.5
431	34	14:06:17	683	0.0	0.0	49022.9
431	34	14:06:24	684	0.0	0.0	49252.3
431	34	14:06:31	685	0.0	0.0	49214.6
431	34	14:06:45	686	0.0	0.0	49161.6
431	34	14:06:55	687	0.0	0.0	49152.1
431	34	14:07:02	688	0.0	0.0	49220.2
431	34	14:07:09	689	0.0	0.0	49125.6
431	34	14:07:15	690	0.0	0.0	49096.7
431	34	14:07:23	691	0.0	0.0	48978.0
431	34	14:07:30	692	0.0	0.0	48915.5
431	34	14:07:37	693	0.0	0.0	48874.0
431	34	14:07:44	694	0.0	0.0	48944.7
431	34	14:07:50	695	0.0	0.0	49685.8
431	34	14:07:57	696	0.0	0.0	48446.6
431	34	14:08:04	697	0.0	0.0	48581.9
431	34	14:08:11	698	0.0	0.0	37003.7
431	34	14:08:17	699	0.0	0.0	32546.1
431	34	14:08:27	700	0.0	0.0	45569.2
431	34	14:08:34	701	0.0	0.0	24719.9
431	34	14:08:44	702	0.0	0.0	47936.6
431	34	14:08:51	703	0.0	0.0	30190.9
432	34	14:23:17	704	0.0	0.0	47740.2
432	34	14:23:31	705	0.0	0.0	23430.1
432	34	14:23:37	706	0.0	0.0	47382.9
432	34	14:23:43	707	0.0	0.0	47650.7
432	34	14:23:50	708	0.0	0.0	47589.2
432	34	14:23:57	709	0.0	0.0	49284.0
432	34	14:24:04	710	0.0	0.0	48191.2
432	34	14:24:12	711	0.0	0.0	48596.1
432	34	14:24:19	712	0.0	0.0	48776.6
432	34	14:24:27	713	0.0	0.0	48943.5
432	34	14:24:34	714	0.0	0.0	48852.8
432	34	14:24:41	715	0.0	0.0	49035.1
432	34	14:24:49	716	0.0	0.0	49088.0
432	34	14:24:57	717	0.0	0.0	49146.8
432	34	14:25:04	718	0.0	0.0	49129.4
432	34	14:25:11	719	0.0	0.0	49073.8
432	34	14:25:18	720	0.0	0.0	49164.6
432	34	14:25:25	721	0.0	0.0	49247.4

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
432	34	14:25:32	722	0.0	0.0	49286.5
432	34	14:25:38	723	0.0	0.0	49293.4
432	34	14:25:46	724	0.0	0.0	49240.3
432	34	14:25:53	725	0.0	0.0	49147.2
432	34	14:26:00	726	0.0	0.0	49099.8
432	34	14:26:06	727	0.0	0.0	48968.8
432	34	14:26:12	728	0.0	0.0	49100.3
432	34	14:26:19	729	0.0	0.0	48942.5
432	34	14:26:26	730	0.0	0.0	49097.6
432	34	14:26:33	731	0.0	0.0	49039.7
432	34	14:26:41	732	0.0	0.0	49238.2
432	34	14:26:48	733	0.0	0.0	49261.6
432	34	14:26:56	734	0.0	0.0	49253.0
432	34	14:27:16	735	0.0	0.0	49304.9
433	34	14:27:23	736	0.0	0.0	49291.0
433	34	14:27:30	737	0.0	0.0	49252.1
433	34	14:27:36	738	0.0	0.0	49287.0
433	34	14:27:44	739	0.0	0.0	49322.7
433	34	14:27:50	740	0.0	0.0	49288.4
433	34	14:27:58	741	0.0	0.0	49167.0
433	34	14:28:05	742	0.0	0.0	49146.4
433	34	14:28:12	743	0.0	0.0	49266.4
433	34	14:28:20	744	0.0	0.0	49353.7
433	34	14:28:27	745	0.0	0.0	49324.0
433	34	14:28:35	746	0.0	0.0	49319.4
433	34	14:28:42	747	0.0	0.0	49319.4
433	34	14:28:49	748	0.0	0.0	49302.7
433	34	14:28:56	749	0.0	0.0	49308.1
433	34	14:29:03	750	0.0	0.0	49221.2
433	34	14:29:10	751	0.0	0.0	49416.1
433	34	14:29:17	752	0.0	0.0	49217.7
433	34	14:29:24	753	0.0	0.0	49204.6
433	34	14:29:30	754	0.0	0.0	49033.4
433	34	14:29:36	755	0.0	0.0	48935.7
433	34	14:29:43	756	0.0	0.0	48772.4
433	34	14:29:50	757	0.0	0.0	48391.0
433	34	14:29:58	758	0.0	0.0	47633.1
433	34	14:30:08	759	0.0	0.0	40467.8
433	34	14:30:15	760	0.0	0.0	47594.5
433	34	14:30:21	761	0.0	0.0	47102.9
433	34	14:30:28	762	0.0	0.0	46147.0
433	34	14:30:34	763	0.0	0.0	30698.4
434	34	14:30:51	764	0.0	0.0	19458.6
434	34	14:30:59	765	0.0	0.0	45576.6
434	34	14:31:07	766	0.0	0.0	46325.5
434	34	14:31:22	767	0.0	0.0	46143.9
434	34	14:31:30	768	0.0	0.0	48130.8
434	34	14:31:36	769	0.0	0.0	48556.3
434	34	14:31:44	770	0.0	0.0	48793.5
434	34	14:31:50	771	0.0	0.0	48906.1
434	34	14:31:56	772	0.0	0.0	48923.1
434	34	14:32:03	773	0.0	0.0	48891.5

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
434	34	14:32:10	774	0.0	0.0	49210.5
434	34	14:32:18	775	0.0	0.0	49212.4
434	34	14:32:26	776	0.0	0.0	49147.6
434	34	14:32:34	777	0.0	0.0	49169.7
434	34	14:32:41	778	0.0	0.0	49217.3
434	34	14:32:48	779	0.0	0.0	49196.9
434	34	14:32:56	780	0.0	0.0	49291.9
434	34	14:33:04	781	0.0	0.0	49604.7
434	34	14:33:19	782	0.0	0.0	49249.7
434	34	14:33:26	783	0.0	0.0	49161.7
434	34	14:33:40	784	0.0	0.0	49268.4
434	34	14:33:47	785	0.0	0.0	49319.5
434	34	14:33:54	786	0.0	0.0	49267.9
434	34	14:34:01	787	0.0	0.0	49153.3
434	34	14:34:07	788	0.0	0.0	49461.5
434	34	14:34:15	789	0.0	0.0	49406.9
435	34	14:34:35	790	0.0	0.0	49302.0
435	34	14:34:43	791	0.0	0.0	49252.5
435	34	14:34:50	792	0.0	0.0	49517.0
435	34	14:34:56	793	0.0	0.0	49244.9
435	34	14:35:03	794	0.0	0.0	49528.4
435	34	14:35:10	795	0.0	0.0	49250.4
435	34	14:35:17	796	0.0	0.0	49548.1
435	34	14:35:24	797	0.0	0.0	49623.7
435	34	14:35:32	798	0.0	0.0	49321.6
435	34	14:35:38	799	0.0	0.0	49055.9
435	34	14:35:45	800	0.0	0.0	49181.7
435	34	14:35:52	801	0.0	0.0	49178.8
435	34	14:35:59	802	0.0	0.0	49287.7
435	34	14:36:05	803	0.0	0.0	49284.8
435	34	14:36:13	804	0.0	0.0	49201.8
435	34	14:36:20	805	0.0	0.0	49026.4
435	34	14:36:26	806	0.0	0.0	48921.1
435	34	14:36:32	807	0.0	0.0	48982.8
435	34	14:36:38	808	0.0	0.0	48702.3
435	34	14:36:45	809	0.0	0.0	48396.9
435	34	14:36:52	810	0.0	0.0	47881.6
435	34	14:37:00	811	0.0	0.0	45532.1
435	34	14:37:19	812	0.0	0.0	38201.4
436	34	14:37:41	813	0.0	0.0	47739.6
436	34	14:37:48	814	0.0	0.0	48028.4
436	34	14:37:55	815	0.0	0.0	48316.0
436	34	14:38:01	816	0.0	0.0	48631.6
436	34	14:38:08	817	0.0	0.0	48714.1
436	34	14:38:15	818	0.0	0.0	48798.8
436	34	14:38:22	819	0.0	0.0	49020.2
436	34	14:38:30	820	0.0	0.0	49162.7
436	34	14:38:36	821	0.0	0.0	49112.5
436	34	14:38:44	822	0.0	0.0	49181.8
436	34	14:38:51	823	0.0	0.0	49179.0
436	34	14:38:59	824	0.0	0.0	49011.8
436	34	14:39:06	825	0.0	0.0	49035.8
436	34	14:39:14	826	0.0	0.0	48855.6
436	34	14:39:22	827	0.0	0.0	48772.1
436	34	14:39:29	828	0.0	0.0	48960.5
436	34	14:39:37	829	0.0	0.0	49401.8
436	34	14:39:44	830	0.0	0.0	49532.3

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
437	34	14:40:12	831	0.0	0.0	49660.7
437	34	14:40:19	832	0.0	0.0	49245.3
437	34	14:40:26	833	0.0	0.0	48867.2
437	34	14:40:33	834	0.0	0.0	48935.5
437	34	14:40:41	835	0.0	0.0	49295.6
437	34	14:40:48	836	0.0	0.0	49625.1
437	34	14:40:55	837	0.0	0.0	49300.6
437	34	14:41:03	838	0.0	0.0	49102.6
437	34	14:41:17	839	0.0	0.0	49158.4
437	34	14:41:23	840	0.0	0.0	49129.2
437	34	14:41:30	841	0.0	0.0	48919.5
437	34	14:41:37	842	0.0	0.0	49835.0
437	34	14:41:43	843	0.0	0.0	48784.2
437	34	14:41:49	844	0.0	0.0	48570.1
437	34	14:41:56	845	0.0	0.0	48577.7
437	34	14:42:03	846	0.0	0.0	47882.6
437	34	14:42:14	847	0.0	0.0	46613.9
439	34	14:42:24	848	0.0	0.0	47188.0
438	34	14:42:30	849	0.0	0.0	47906.9
438	34	14:42:35	850	0.0	0.0	48282.2
438	34	14:42:42	851	0.0	0.0	48352.7
438	34	14:42:48	852	0.0	0.0	48909.4
438	34	14:42:55	853	0.0	0.0	48594.9
438	34	14:43:02	854	0.0	0.0	49812.4
438	34	14:43:09	855	0.0	0.0	48899.1
438	34	14:43:15	856	0.0	0.0	48043.9
438	34	14:43:22	857	0.0	0.0	49321.5
438	34	14:43:29	858	0.0	0.0	50728.7
438	34	14:43:37	859	0.0	0.0	49400.0
438	34	14:43:45	860	0.0	0.0	49220.4
439	34	14:44:06	861	0.0	0.0	49293.8
439	34	14:44:13	862	0.0	0.0	49308.0
439	34	14:44:21	863	0.0	0.0	49316.9
439	34	14:44:28	864	0.0	0.0	48933.4
439	34	14:44:35	865	0.0	0.0	48898.2
439	34	14:44:42	866	0.0	0.0	48839.7
439	34	14:44:49	867	0.0	0.0	48872.3
439	34	14:44:56	868	0.0	0.0	48701.9
439	34	14:45:03	869	0.0	0.0	48540.6
439	34	14:45:12	870	0.0	0.0	49288.0
439	34	14:45:20	871	0.0	0.0	47857.6
439	34	14:45:27	872	0.0	0.0	47707.2
441	44	14:45:53	873	0.0	0.0	48542.4
441	44	14:46:00	874	0.0	0.0	47498.3
441	44	14:46:07	875	0.0	0.0	48163.7
441	44	14:46:14	876	0.0	0.0	48530.6
441	44	14:46:21	877	0.0	0.0	48747.7
441	44	14:46:27	878	0.0	0.0	48836.2
441	44	14:46:34	879	0.0	0.0	48681.1
441	44	14:46:40	880	0.0	0.0	53229.7
441	44	14:46:47	881	0.0	0.0	49135.3
441	44	14:46:54	882	0.0	0.0	49281.9
442	44	14:47:08	883	0.0	0.0	49613.0
442	44	14:47:17	884	0.0	0.0	49559.2
442	44	14:47:24	885	0.0	0.0	48749.4
442	44	14:47:29	886	0.0	0.0	48844.6

Line#	Surv.#	Time	Reading#			Intensity(Gammas)
442	44	14:47:35	887	0.0	0.0	48738.6
442	44	14:47:42	888	0.0	0.0	48214.2
442	44	14:47:49	889	0.0	0.0	47882.4
442	44	14:47:56	890	0.0	0.0	45668.9
443	44	14:48:09	891	0.0	0.0	34276.2
443	44	14:48:16	892	0.0	0.0	47221.3
443	44	14:48:23	893	0.0	0.0	48305.2
443	44	14:48:30	894	0.0	0.0	48581.6
443	44	14:48:36	895	0.0	0.0	48509.3
443	44	14:48:42	896	0.0	0.0	48705.9
444	44	14:48:55	897	0.0	0.0	48921.5
444	44	14:49:02	898	0.0	0.0	49148.5
444	44	14:49:08	899	0.0	0.0	48882.7
444	44	14:49:15	900	0.0	0.0	49766.1
444	44	14:49:21	901	0.0	0.0	47098.5
445	44	14:49:36	902	0.0	0.0	49353.1
445	44	14:49:43	903	0.0	0.0	49091.8
446	44	14:50:08	904	0.0	0.0	49514.1

APPENDIX D

CHAIN OF CUSTODY FORMS

CHEMICAL RESEARCH LABORATORIES, INC.

7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

CHAIN OF CUSTODY RECORD

BGPAA 0812

Date 12/28/87 Page 1 of 1

CLIENT: A. L. Burke Engineers

ADDRESS: 763 W. Kimber Place
Anaheim Ca 92806

PROJECT MANAGER: A. L. Burke

PHONE NUMBER: 714) 666-[illegible]20

PROJECT NAME: Burbank (Cooper) 86-06 (1003)

SAMPLERS: (Signature) [signature]

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	SAMPLE TYPE: WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED	
BU3-10	[illegible]	12/28/87	0900				X	1	8015 [illegible]	[illegible]
BU3-15		↓					↓	1	"	
BU3-20								1	"	"
BU3-25								1	"	"
BU3-30								1	"	"
BU3-35			↓					1	"	"
BU3-40	↓	↓	1015				↓	1	"	"

Relinquished by: (Signature)	Received by: (Signature)		Date/Time
[signature]		CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.	12/28
Relinquished by: (Signature)	Received by: (Signature)	1. Client retrieved ______ by ______	Date/Time
Relinquished by: (Signature)	Received by Mobile Laboratory for field analysis: (Signature)	2. Lab Disposal ______ by ______ 3. Store for ______ days, by ______ 4. Other ______ by ______	Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by: [signature]	Date/Time 12/28 4:10pm

Method of Shipment: Ice Chest

I hereby authorize the performance of the above indicated work. [signature]

Special Instructions: [illegible handwriting]

SOURCE: Adapted from U.S. EPA, 1985

DISTRIBUTION: White with report—Yellow to CRL—Pink to Courier—[illegible]

CCR-100

CHEMICAL RESEARCH LABORATORIES, INC.

7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

• ORANGE COUNTY
• VENTURA
• SANTA MARIA
• BAKERSFIELD
• L.A. COUNTY
• MOBILE LAB

CHAIN OF CUSTODY RECORD

Date 12/28/87 Page 1 of 2

BGPAA 0813

CLIENT [illegible handwriting]

ADDRESS [illegible handwriting] Place
[illegible handwriting]

PROJECT NAME Burbank ([illegible]) 86-00(0003)

PROJECT MANAGER [illegible handwriting]

PHONE NUMBER [illegible handwriting]

SAMPLERS: (Signature)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
B02-10		12/28/87	[illegible]30				✓	1	[illegible] (gasoline)
B02-15		↓	↓				↓	1	↓
B02-20		↓	↓				↓	1	↓
B02-25		↓	↓				↓	1	↓
B02-30		↓	↓				↓	1	↓
B02-35		↓	↓				↓	1	↓
B02-40	"	↓	↓				↓	1	↓

Relinquished by: (Signature) [signature]

Received by: (Signature)

Date/Time 12/28

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved ______ by ______
2. Lab Disposal ______ by ______
3. Store for ______ days. by ______
4. Other ______ by ______

Dispatched by:(Signature)

Date/Time

Received for Laboratory by: [signature]

Date/Time 12/28 4:10pm

Method of Shipment: Ice Cooler

Special Instructions:

I hereby authorize the performance of the above indicated work. [signature]

SOURCE: Adapted from U.S. EPA, 1985

DISTRIBUTION: White w[illegible]

CCR-100

CHEMICAL RESEARCH LABORATORIES, INC.
7440 Lincoln Way • Garden Grove, CA 92641
(714) 898-6370 • FAX: (714) 891-5917 • (800) LAB-1CRL

- ORANGE COUNTY
- VENTURA
- SANTA MARIA
- BAKERSFIELD
- L.A. COUNTY
- MOBILE LAB

CHAIN OF CUSTODY RECORD

Date 12/28/87 Page 2 of 2

BGPAA 0814

CLIENT A. L. Burke Engineers

ADDRESS 1102 N. Kraemer Place
Anaheim, Ca 92806

PROJECT MANAGER A. L. Burke

PHONE NUMBER (714) 666-1100

PROJECT NAME Burbank (Toppers)

SAMPLERS: (Signature) [signature]

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	SAMPLE TYPE: WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
302-45		12/21/87	12:30				X	1	8015 Modified for [illegible]

Relinquished by: (Signature) [signature]
Received by: (Signature)
Date/Time 12/28

Relinquished by: (Signature)
Received by: (Signature)
Date/Time

Relinquished by: (Signature)
Received by Mobile Laboratory for field analysis: (Signature)
Date/Time

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.
1. Client retrieved ______ by ______
2. Lab Disposal ______ by ______
3. Store for ______ days. by ______
4. Other ______ by ______

Dispatched by: (Signature)
Date/Time
Received for Laboratory by: [signature]
Date/Time 12/28 | 4:10 pm

Method of Shipment: Ice Cooler

Special Instructions:

I hereby authorize the performance of the above indicated work. [signature]

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

DISTRIBUTION: White with report, Yellow to CRL, Pink to Courier, Gold to Sample Control

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- BAKERSFIELD
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CHAIN OF CUSTODY RECORD

Date 12/29/87 Page 1 of 1

BGPAA 0815

CLIENT: A.L. Burke Engineers Inc
ADDRESS: 1162 N. Kraemer Place
Anaheim, Ca 92806

PROJECT MANAGER: A.L. Burke
PHONE NUMBER: (714) ~~[illegible]~~ 666-1120
SAMPLERS: (Signature) Robert J. [signature]

PROJECT NAME: Burbank (Trappers Property)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
BU5-2		12/29/87					X	1	pH (9010)
BU5-5		↓					X	1	" "
BU5-10		↓					X	1	" "
BU5-15		↓					X	1	" "
BU6		↓				X		1	Sulfide Gas and Methane Analysis
BU7		↓				X		1	Sulfide Gas and Methane Analysis

Relinquished by: (Signature) Robert J. [signature]
Received by: (Signature)
Date/Time

Relinquished by: (Signature)
Received by: (Signature)
Date/Time

Relinquished by: (Signature)
Received by Mobile Laboratory for field analysis: (Signature)
Date/Time

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.
1. Client retrieved ______ by ______
2. Lab Disposal ______ by ______
3. Store for ______ days. by ______
4. Other ______ by ______

Dispatched by: (Signature)
Date/Time
Received for Laboratory by: Don Buday
Date/Time 12/29/87 1:50

Method of Shipment: ice / cooler

I hereby authorize the performance of the above indicated work. Robert J. [signature]

Special Instructions: 4 soil Samples
2 gas samples

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

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CHAIN OF CUSTODY RECORD

Date 12/29/87 Page 1 of 1

BGPAA 0816

CLIENT A.L. Burke Engineers
ADDRESS 1162 N. Kroeger Place
Anaheim, Ca 92806

PROJECT MANAGER Anne Burke
PHONE NUMBER (714) 666-1120
SAMPLERS: (Signature) Robert J. Burke

PROJECT NAME

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER Comp.	SAMPLE TYPE WATER Grab.	SAMPLE TYPE AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
BU4-2		12/29					X	1	pH
BU4-5		↓					X	1	" "
BU4-10							X	1	" "
BU4-15							X	1	" "
BU4-20							X	1	" "

Relinquished by: (Signature) Robert J. Burke
Received by: (Signature)

Relinquished by: (Signature)
Received by: (Signature)

Relinquished by: (Signature)
Received by Mobile Laboratory for field analysis: (Signature)

Dispatched by: (Signature)
Date/Time
Received for Laboratory by: Don Burley
Date/Time 12/29/87 1:50

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Date/Time
Date/Time
Date/Time

Method of Shipment:

Special Instructions:

I hereby authorize the performance of the above indicated work.
Robert J. Burke

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

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CHAIN OF CUSTODY RECORD

BGPAA 0817

Date 12/30/87 Page 1 of 1

CLIENT A.L Burke Engineers

ADDRESS [illegible] N. Kraemer Place
Anaheim Ca 9280[illegible]

PROJECT MANAGER Marc Burke

PHONE NUMBER (714) 666-1130

SAMPLERS: (Signature) [signature]

PROJECT NAME Burbank 86 06 (2003)

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	SAMPLE TYPE: WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
BUB-10		12/30/87					X	1	pH
BUB-15		↓					X	1	"
BUB-20		↓					X	1	"
BUB-25		↓					X	1	"
BUB-30		↓					X	1	"

Relinquished by: (Signature) [signature]

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved ______ by ______
2. Lab Disposal ______ by ______
3. Store for ______ days. by ______
4. Other ______ by ______

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: [signature]

Date/Time 12/31/87 3:[illegible]

Method of Shipment: ice/cooler

Special Instructions:

I hereby authorize the performance of the above indicated work. [signature]

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

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CHAIN OF CUSTODY RECORD

Date 12/30/97 Page 1 of 2

BGPAA 0818

CLIENT A. L. Burke Engineers

ADDRESS 1112 N. Kraemer Place
Anaheim, Ca 92806

PROJECT NAME Burke

PROJECT MANAGER A. L. Burke

PHONE NUMBER (714) 666-1120

SAMPLERS: (Signature) Richard T. Burke

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
B09-5		12/30/97					X	1	pH
B09-10							X	1	"
B09-15							X	1	"
B09-20							X	1	"
B09-25							X	1	"
B09-30							X	1	"
B09-35		↓					X	1	"

Relinquished by: (Signature) Richard T. Burke

Received by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Dispatched by: (Signature)

Date/Time

Received for Laboratory by:

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Date/Time

Date/Time

Date/Time

Date/Time 12/30/97 5:00p

Method of Shipment: ice chest

Special Instructions: pH on soil samples only

I hereby authorize the performance of the above indicated work.

Richard T. Burke

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

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CHAIN OF CUSTODY RECORD

Date 12/30/87 Page 1 of 2

BGPAA 0819

CLIENT A.L. Burke Engineers

ADDRESS 1162 N. Kraemer Place
Anaheim, Ca 92806

PROJECT NAME Burke

PROJECT MANAGER Hans Burke

PHONE NUMBER (714) 666-1120

SAMPLERS: (Signature) Robert J. Lee

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE: WATER Comp.	WATER Grab.	AIR	SOLID	NO. OF CNTNRS	TESTS REQUIRED
BU9-40	〃	12/30	〃				X	1	〃
BU9-G	〃	〃	〃			X		1	Soil Gas + Methane Analysis
BU10	〃	〃	〃			X		1	〃 〃 〃
BU11	〃	↓	〃			X		1	〃 〃 〃

Relinquished by: (Signature) Robert J. Lee — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: — Date/Time 12/31/87 5:10 pm

CRL will store sample for 30 days at no charge. Storage after 30 days is charged at $10 per month per sample. Disposal of sample is charged at $10 per sample. Please indicate the disposition of your sample.

1. Client retrieved _____ by _____
2. Lab Disposal _____ by _____
3. Store for _____ days. by _____
4. Other _____ by _____

Method of Shipment: Ice Chester

Special Instructions:

I hereby authorize the performance of the above indicated work.

Robert J. Lee

SOURCE: Adapted from U.S. EPA, 1985

CCR-100

DISTRIBUTION: White with report, Yellow to CRL, Pink to Courier, Gold to Sample Control